

Gentofte Universitetshospital

# Forskningsberetning 2010

REGION



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# Forskningsråd Gentofte

Forskningsråd Gentofte består af de forskningsansvarlige repræsentanter fra hospitalets afdelinger, og skal rådgive Direktionen i forskningsrelaterede spørgsmål samt løse en række konkrete opgaver, relateret til forskning. Den nytiltrådte vicedirektør Lars Juhl Petersen overtog posten som formand for Forskningsrådet pr. 22. januar 2010. I 2010 afholdt Forskningsrådet 4 møder.

I foråret blev den nye forskningsleder Hanne Konradsen budt velkommen. I efteråret 2010 vedtog Forskningsrådet et nyt kommissorium. Det betød bl.a. at Forskningsrådet tog afsked med 5 medlemmer og bad 9 nye medlemmer velkommen:

1. reservelæge, Teit Mantoni, afdeling I  
Overlæge, dr.med., Ebbe Langholtz, afdeling C  
Læge, ph.d., Annesofie Faurschou, GNUF  
Sygeplejerske, cand.cur., ph.d. stud., Connie Bertelsen, MONS  
Forskningsansvarlig sygeplejerske, MVO, Ingelise Trosborg, afdeling Y  
Forskningsansvarlig sygeplejerske, Rikke Terp, afdeling C  
Forskningsansvarlig sygeplejerske, MSU, Margrethe Herning, afdeling P  
Forskningsansvarlig sygeplejerske, Gitte Harboe, afdeling K  
Forskningsansvarlig sygeplejerske, cand.cur., Marianne Thrane Larsen, afdeling F

## Medlemmer af Forskningsråd Gentofte i 2010

Vicedirektør, Lars Juhl Petersen (formand)	Hospitalsdirektionen
Professor, dr.med., Bo Abrahamsen	Medicinsk afdeling F
Overlæge, Elisabeth Albrecht-Beste	Billeddiagnostisk afdeling
Sygeplejerske, cand.cur., ph.d. studerende, Connie Berthelsen	MONS formand
Professor, dr.med., Hans Bisgaard	Dermato-allergologisk afdeling K
Overlæge, Per Cayé-Thomassen	Øre-næse-hals/audiologisk afdeling E
Professor, dr.med., Asger Dirksen	Lungemedicinsk afdeling Y
Professor, dr.med., Jeanne Duus Johansen	Videncenter for Allergi
Læge, ph.d., Anne-sofie Faurschou	GNUF Formand
Forskningsansvarlig sygeplejerske, Gitte Harboe	Dermatologisk-allergologisk afdeling K
Forskningsansvarlig sygeplejerske, MSU, Margrethe Herning	Kardiologisk afdeling P
Forskningsfysioterapeut, ph.d. studerende, Carsten Juhl	Medicinsk afdeling C
Forskningsleder, ph.d., Hanne Konradsen	Forskningens Hus
Professor, dr.med., Lars Kærgaard Poulsen	Dermato-allergologisk afdeling K
Overlæge, dr.med., Ebbe Langholtz	Medicinsk afdeling C
Overlæge, dr.med., Ole Rintek Madsen	Medicinsk afdeling C
1. reservelæge, Teit Mantoni	Anæstesi- og intensiv afdeling I
Professor, dr.med., Torkil Menné	Dermato-allergologisk afdeling K
HR chef, cand.scient.pol., Sidsel Rasborg Wied	HR afdeling
Professor, dr.med., Lone Skov	Dermato-allergologisk afdeling K
Overlæge, dr.med., Jan Skov Jensen	Kardiologisk afdeling P
Ledende Overlæge, dr.med., Steen Stender	Klinisk biokemisk afdeling
Forskningsansvarlig sygeplejerske, Rikke Terp Sørensen	Medicinsk afdeling C
Forskningsansvarlig sygeplejerske, cand.cur., Marianne Thrane Larsen	Medicinsk afdeling F
Professor, dr.med., Christian Torp-Pedersen	Kardiologisk afdeling P
Professor, dr.med., Lisbeth Tranbjærg	Øre-næse-hals/audiologisk afdeling E
Forskningsansvarlig sygeplejerske, MVO Ingelise Trosborg	Lungemedicinsk afdeling Y
Forskningsansvarlig sygeplejerske, MVO, Hanne Trøst Nielsen	Kirurgisk afdeling Z

# Forskningsstrategien 2009-2013



Forskningsstrategien skal anspore til forskning inden for alle fagområder på hospitalet. I strategien fremhæves det, at hospitalets forskere skal bidrage med ny viden nationalt og internationalt, både på det sundhedsfaglige, det organisatoriske og det patientoplevede område. Forskningsstrategien skal endvidere bidrage til rekruttering og udvikling af medarbejdere ved at sikre og synliggøre, at Gentofte Hospital er et attraktivt sted at arbejde og forske.

Hospitalets strategi "Vingesus og Nærhed", udpeger hospitalets fokusområder som forskningsstrategien i de kommende år særligt skal knytte an til. Det gælder blandt andet forskning med fokus på sammenhængende patientforløb herunder patientforløb på tværs af specialer. Arbejdet med patientperspektivet i forskningsstrategien sikrer forskning tæt på patienten, og deraf fokus på patientologi, som er læren om det at være patient.

Det er et ønske at forskningen indhenter, udvikler og implementerer forskningsbaseret viden om patientologi samt fremmer og påskynder til tværfaglig forskningsmiljø derom. Satsningsområdet blev udvalgt i forlængelse af et fokuseret arbejde i relation til hospitalets strategi ud fra ønsket om at *undersøge hvad der er vigtigt, både for den enkelte patient og for vores forskellige patientgrupper, at patienterne skal føle de er velinformerede og inddragede i behandlingsforløbet samt at kommunikationen med patienten tager udgangspunkt i den enkelte patients behov og livssituation.*

Forskningen på hospitalet skal afspejle hospitalets profil bestående af ni hovedgrupper af patientforløb:

- Akutmodtagelsen med fokus på hurtig diagnostik og korrekt visitation med speciallæge i front og nærskadestue med døgnbetjening for borgerne i nærområdet
- Medicinske sygdomme med fokus på endokrinologi og gastroenterologi/endoskopi for borgerne i nærområdet
- Medicinske sygdomme med fokus på reumatologi, apopleksi og geriatri for borgerne i nærområdet
- Allergiske sygdomme som regionsfunktion med dermatologi, allergologi og lungemedicin
- Hudsygdomme for en meget stor del af regionens borgere
- Specialiseret lungemedicin herunder lungecancerudredning for en meget stor del af regionens borgere
- Planlagt kirurgi for en række specialer som en særlig regions og udviklingsfunktion
- Specialiseret kardiologi for en meget stor del af regionens borgere

## Forskningsstrategi for Gentofte Hospital 2009-2013

Gentofte Hospitals forskningsstrategis særlige indsatsområder:

- Hurtig diagnostik
- Mulig elektiv behandling
- Højest mulig patientsikkerhed
- Korte, effektive patientforløb – med fokus på patienttilfredshed og faglig kvalitet
- Digitalisering af resultater og dokumentation – samt opfølgning på kvalitetsdata
- Integreret samarbejde med praktiserende læger og kommuner

# START-pulje 2010

I 2010 uddelte Forskningsrådet 1 mio. kr. fra START-puljen. Uddelingerne fandt sted i to omgange. Forskningsrådet lægger i sin bedømmelse vægt på, at projektet passer ind i hospitalets overordnede strategiske prioritering. Midlerne tildeles spirende forskere og/eller forskningsområder, som ville have vanskeligt ved at opnå støtte andetsteds. Der uddeles op til 100.000 pr. projekt, hvilket oftest svarer til 2-3 måneders løn.

## Bevillinger fra START puljen 2010

### Forår

Thyroideasygdom og kardiovaskulær risiko Christian Selmer  
Kardiologisk Afdeling P; Bevilget beløb: kr. 100.000

Galdesyreinduceret GLP-1-sekretion – fysiologi, patofysiologi  
og antidiabetisk behandlingspotentiale David Peick Sonne  
Medicinsk Afdeling F; Bevilget beløb: kr. 100.000

Kan man være genetisk disponeret til at udvikle nikkelallergi og  
-eksem? Katrine Ross-Hansen  
Videncenter for Allergi, Afdeling K; Bevilget beløb: kr. 84.000

Udvikling og afprøvning af et empowermentorienteret undervisningsprogram rettet mod rehabiliteringsperioden efter et accelereret hoftealloplastikforløb Kirsten Szöts  
Planlagt kirurgi Afdeling Z; Bevilget beløb: kr. 92.292

Vævsdoppler-ekkokardiografi til tidlig opsporing af kardiell påvirkning ved Type 1 Diabetes Mellitus. "Tusind og 1 Ekko Studiet" Magnus Thorsten Jensen  
Kardiologisk Afdeling P; Bevilget beløb: kr. 100.000

Patienters oplevelse af at få konstateret og leve med hudkræft  
Marianne Færge  
Dermatologisk-allergologisk Afdeling K; Bevilget beløb: kr. 100.000

Den humane endolymfatiske sæk – regulator af væsketryk og basis for immunforsvar i det indre øre Martin Nue Møller  
Øre-, næse- og halskirurgisk Afdeling E; Bevilget beløb: kr. 100.000

### Efterår

Desensibilisering af individer med kontakteksem  
Beatrice Dyring-Andersen  
Dermatolo-Allergologisk Afdeling K; Bevilget beløb: kr. 96.414

Perspektiver på sundhed og sygdom hos den ambulante patient med kronisk sygdom Lone Skov Jensen  
Lungemedicinsk Afdeling Y; Bevilget beløb: kr. 93.753

Anatomisk og fysiologisk karakterisering af tyndtarmens endokrine celler og deres rolle i medicinsk og kirurgisk behandling af type 2 diabetes Nicolai Alexander Rhee  
Medicinsk Afdeling F; Bevilget beløb: kr. 100.000

# Forsknings Døgn 23. april 2010



Den 23. april afholdt Forskningsrådet Forsknings Døgn. Forsknings Døgn er en landsdækkende begivenhed, hvor alle typer af forskningsinstitutioner inviterer indenfor til en dag i forskningens tegn. På Gentofte Hospital kom ca. 300 borgere forbi for at høre nærmere om forskningen på deres lokale hospital.

Forhallen i auditoriebygningen var fyldt med stande, hvor de besøgende kunne få sig en snak med forskere og andet personale omkring livsstilssygdomme. Engagerede medarbejdere fra afdelingerne bemandede standene og besvarede borgernes spørgsmål. Der var også mange medarbejdere blandt de besøgende, som greb muligheden for at se deres arbejdsplads fra en anden vinkel end den daglige samt at vise den frem for familie og venner.

Deltagerne kunne teste sig selv og blandt andet tale med eksperter om: Konditest, Blodsuktermåling, Lungefunktion & rygestoprådgivning, Gigt og ultralydsscanning af hænder, Måling af fedtprocent og kostvejledning, Hørelse og høreapparater, Solbeskyttelse.

# Forsknings Dag 4. november 2010



Forsknings Dag er et internt medarbejderarrangement, som Forskningsrådet afholdt den 4. november 2010. Dagen bød på foredrag af 8 forskere, ligesom 30 forskere havde meldt sig med en poster til den bemandede posterudstilling i auditoriebygningens forhal.

Et dommerpanel gik diskret rundt og vurderede de mange flotte og videnstunge posters og lyttede intenst til de otte oplæg i auditoriet. Beslutningen var svær, men de velfortjente vindere af titlerne dagens bedste foredrag og bedste posters blev fundet. Dommerpanelet bestod af: Bente Appel Esbensen, MScN, dr.med.Sci, forskningsleder for sygepleje og sundhedsvidenskab, Glostrup Hospital; Niklas Rye Jørgensen, overlæge, Glostrup Hospital; Jeanne Duus, professor, Videncenter for Allergi, Gentofte Hospital; Steen Stender, ledende overlæge på Klinisk Biokemisk afdeling, Gentofte Hospital.

Omtrent 100 forskere, studerende og andre nysgerrige sugede ny viden til sig under de interessante foredrag, der gav stof til eftertanke. Dagens keynote speaker var Jacob Birkler, lektor, ph.d. og medlem af Etisk Råd. Jacob Birkler indledte dagen med oplægget: *Etik i forskningsmæssig sammenhæng*, og hovedbudskabet var, at etik ikke kun er noget, der handler om at få forskningsprojekterne godkendt af Videnskabetsetisk Komite og Datatilsynet, men noget man uundgåeligt arbejder med gennem hele forskningsprocessen.

## Vindere:

Susan Hovmand Lysdal, Afd. K, Videncenter for frisører og kosmetikere. 10.000 kr. for bedste foredrag: Håndeksem hos danske frisører.

Jesper Lindhardsen, Afd. P & C, 5000 kr. for posteren: Increased Risk of Stroke and Atrial Fibrillation in Rheumatoid Arthritis – A Nationwide Cohort Study.

Rikke Terp Sørensen, Medicinsk afdeling C, 5000 kr. for posteren: Prevention of aspiration pneumonia in patients with acute stroke.

Christian Selmer, Kardiologisk afdeling P, 5000 kr. for posteren: New-onset Atrial Fibrillation is an Independent Long-term Risk-factor for Hyperthyroidism.

Marianne Witten, Dermatologisk afdeling, vinder af publikumsprisen på 2000 kr. for posteren: Intralymphatic Specific Immunotherapy -a new treatment form for grass pollen allergy.

Desuden vandt Anne Gjesing Olesen, Afd. P tre flasker vin via en lodtrækning blandt de stemmer, der var afgivet til publikumsprisen.

# Publikationslister 2010

Forskningspublikationerne udgået fra Gentofte Hospital i 2010 er for første gang oprettet i og trukket fra det nye forskningsregistreringssystem PURE, der blev indført i Region Hovedstaden i 2010.

PURE står for PUblication & REsearch platform, et webbaseret videndelings- og formidlingssystem, der også bruges af de danske universiteter - se f.eks. her: <http://forskning.regionh.dk/>.

Formålet er at:

1. synliggøre og skabe overblik over forskningen på regionens virksomheder
2. belyse, hvordan forskningen skal udvikles og prioriteres på sigt

Det medfører bl.a.:

- levering af data til den regionale forskningsevaluering og det fælles ledelsesinformationssystem
- at hvert hospital, den enkelte afdeling og den enkelte forsker kan profilere sig selv
- koordinering og samling af tidligere forsknings- og publikationsregistreringssystemer
- mulighed for integration af publikationsdata med Københavns Universitets forskningsregistreringssystem CURIS til brug for den bibliometriske forskningsindikator (pointsystemet i den nationale forskningsevaluering)

# Medicinsk afdeling C

## Forskningstemaer

- Evaluering af klinimetricke tests. Biokemiske knoglemarkører og billeddiagnostiske undersøgelser (MR, CT, ultralyd) til diagnosticering, monitorering og prognostisering af inflammatoriske ryg- og ledsygdomme. Databaseforskning indenfor sklerodermi, SLE, artrit og cancerrisiko ved behandling med biologisk medicin. Registerforskning vedr. kardiovaskulær mortalitet og morbiditet. Osteoporose. Tillfredshedsundersøgelser. Udvikling af optimale infusionsforløb i forbindelse med biologisk behandling.
- Følge-hjem-projekt med fokus på forebyggelse af genindlæggelser. Opsporing og intervention overfor faldpatienter. Ringe hjem projekt. Forebyggelse af aspirationspneumoni hos indlagte patienter med apopleksi.
- Rehabilitering af KOL-patienter, funktionel elektrisk stimulering (FES) ved apoplexi, træning ved impingement og ACL-ruptur samt aktivitetsproblemer hos patienter med KOL, knæleds-alloplastik og håndkirurgiske problemstillinger.

## Videnskabelige medarbejdere

### Ph.d. studerende

Jesper Lindhardsen, læge

Carsten Juhl, forsknings- og udviklingsfysioterapeut

Carrinna Hansen, klinisk udviklingssygeplejerske

Mette Kjerholt, klinisk sygeplejespecialist

### Andet forskningsaktivt personale

Jan Pødenphant, overlæge, dr.med.

Merete Engelhart, overlæge, dr.med.

Troels Mørk Hansen, overlæge, dr.med.

Annette Hansen, overlæge

Lene Dreyer, overlæge, ph.d.

Pia Nimann Kannegaard, overlæge

Marianne Kirchhoff, overlæge, ph.d.

Kirsten Damgaard, led. overlæge, dr.med.

Susanne Juhl Pedersen, læge, ph.d.

Gunhild Bukh, afdelingssygeplejerske

Mette Strømø, sygeplejerske

Louise Rønning-Bæk, forskningssygeplejerske

Julie Winthereik, forskningssygeplejerske

Vesna Stan, forskningssygeplejerske

Rikke Terp Sørensen, klinisk sygeplejespecialist

Hans Jørgen Bendixen, forskningsergoterapeut

Sussi Lauridsen, forskningsergoterapeut

Bente S. Andersen, forskningsfysioterapeut

Laura Staun Valentiner, forskningsfysioterapeut

Rune Rasmussen, neuropsykolog

### Forskningsansvarlig overlæge

Ole Rintek Madsen, overlæge, ph.d., dr.med.

## Videnskabelige afhandlinger

### Ph.d. afhandlinger

Pedersen SJ. Biomarkers of inflammation, angiogenesis and cartilage and Bone turnover in patients with axial spondyloarthritis – relation with disease activity, treatment response and radiographic progression. 2010.

### Kandidatspeciale

Valentiner LS, Madsen LK. Ingen har fortalt mig - og hvad så nu? Omfang og betydning af senfølger efter transitorisk cerebral iskæmi – et eksplorativt mixed method studie. Københavns Universitet, Panum Biblioteket, August 2010

## Publikationer 2010

1. Andersen JB, Mortensen J, Damgaard K, Skov M, Sparup J, Petersen BL et al. Fourteen-year-old girl with endobronchial carcinoma presenting with asthma and lobar emphysema. *Clinical Respiratory Journal*. 2010 apr 1;4(2):120-4.
2. Christensen AF, Hørslev-Petersen K, Christgau S, Lindegaard HM, Lottenburger T, Junker K et al. Uncoupling of collagen II metabolism in newly diagnosed, untreated rheumatoid arthritis is linked to inflammation and antibodies against cyclic citrullinated peptides. *Journal of Rheumatology*. 2010 jun 1;37(6):1113-20.
3. Christensen AF, Sørensen GL, Hørslev-Petersen K, Holmskov U, Lindegaard HM, Junker K et al. Circulating surfactant protein -D is low and correlates negatively with systemic inflammation in early, untreated rheumatoid arthritis. *Arthritis Research Therapy*. 2010 jan 1;12(2):R39.
4. Glintborg B, Andersen SK, Poulsen HE. Prescription data improve the medication history in primary care. *Quality Safety in Health Care*. 2010 jun 1;19(3):164-8.
5. Hetland ML, Christensen IJ, Tarp U, Dreyer L, Hansen A, Hansen IT et al. Direct comparison of treatment responses, remission rates, and drug adherence in patients with rheumatoid arthritis treated with adalimumab, etanercept, or infliximab: results from eight years of surveillance of clinical practice in the nationwide Danish DANBIO registry. *Arthritis Rheumatism*. 2010 jan 1;62(1):22-32.

6. Hetland ML, Stengaard-Pedersen K, Junker MP, Østergaard M, Ejbjerg BJ, Jacobsen S et al. Radiographic progression and remission rates in early rheumatoid arthritis - MRI bone oedema and anti-CCP predicted radiographic progression in the 5-year extension of the double-blind randomised CIMESTRA trial. *Annals of the Rheumatic Diseases*. 2010 okt 1;69(10):1789-95.
  7. Kannegaard PN, van der Mark S, Eiken P, Abrahamsen B. Excess mortality in men compared with women following a hip fracture. National analysis of comedications, comorbidity and survival. *Age and Ageing*. 2010 mar 1;39(2):203-9.
  8. Lyngby C, Sørensen RT. Bedre dokumentation på medicinsk afdeling. *Sygeplejersken*. 2010 feb 26;64-70.
  9. Madsen OR, Faurschou M, Loft AG, Sørensen IJ, Knudsen JB, Baslund B et al. Evidence-based recommendations for treatment with methotrexate in rheumatic disorders. *Danish Medical Bulletin* 2010 okt 1;57(10):A4190.
  10. Madsen OR, Rytter A, Hansen LB, Suetta C, Egsmose C. Reproducibility of the Bath Ankylosing Spondylitis Indices of disease activity (BASDAI), functional status (BASFI) and overall well-being (BAS-G) in anti-tumour necrosis factor-treated spondyloarthropathy patients. *Clinical Rheumatology*. 2010 aug 1;29(8): 849-54.
  11. Pedersen SJ, Sørensen IJ, Hermann KA, Madsen OR, Tvede N, Hansen MS et al. Responsiveness of the Ankylosing Spondylitis Disease Activity Score (ASDAS) and clinical and MRI measures of disease activity in a 1-year follow-up study of patients with axial spondyloarthritis treated with tumour necrosis factor alpha inhibitors. *Annals of the Rheumatic Diseases*. 2010 jun 1;69(6): 1065-71.
  12. Pedersen S, Sørensen IJ, Johansen J, Madsen O, Tvede N, Hansen M et al. High Sensitive Crp Increases Sensitivity and Responsiveness of ASDAS. *Clinical and Experimental Rheumatology*. 2010;28(4):627.
  13. Pedersen S, Hetland M, Sørensen IJ, Østergaard M, Nielsen H, Johansen J. Circulating levels of interleukin-6, vascular endothelial growth factor, YKL-40, matrix metalloproteinase-3, and total aggrecan in spondyloarthritis patients during 3 years of treatment with TNF alpha inhibitors. *Clinical Rheumatology*. 2010; 29(11): 1301-9.
  14. Pedersen JV, Jensen S, Krarup-Hansen A, Riis L. Scleroderma induced by paclitaxel. *Acta oncologica (Stockholm, Sweden)*. 2010 aug 1;49(6):866-8.
  15. Rasmussen M, Mathiesen O, Dierking G, Christensen BV, Hilsted KL, Larsen TK et al. Multimodal analgesia with gabapentin, ketamine and dexamethasone in combination with paracetamol and ketorolac after hip arthroplasty: a preliminary study. *European Journal of Anaesthesiology*. 2010 apr 1;27(4):324-30.
  16. Sørensen RT, Overgaard K, Lerche AG, Lindhardt T. Prevention of aspiration pneumonia in patients with acute stroke. *Cerebrovascular Diseases*. 2010;29 (suppl 2):213.
  17. Weber U, Lambert RGW, Pedersen SJ, Hodler J, Østergaard M, Maksymowych WP. Assessment of structural lesions in sacroiliac joints enhances diagnostic utility of magnetic resonance imaging in early spondylarthritis. *Arthritis Care Research*. 2010 dec 1;62 (12): 1763-71.
  18. Weber U, Lambert RGW, Østergaard M, Hodler J, Pedersen SJ, Maksymowych WP. The diagnostic utility of magnetic resonance imaging in spondylarthritis: an international multicenter evaluation of one hundred eighty-seven subjects. *Arthritis and Rheumatism*. 2010 okt 1;62(10):3048-58.
  19. Østergaard M, Baslund B, Rigby W, Rojkovich B, Jørgensen C, Dawes PT et al. Ofatumumab, a human anti-CD20 monoclonal antibody, for treatment of rheumatoid arthritis with an inadequate response to one or more disease-modifying antirheumatic drugs: results of a randomized, double-blind, placebo-controlled, phase I/II study. *Arthritis and Rheumatism*. 2010 aug 1;62(8):2227-38.
  20. Østergaard M, Poggenborg RP, Axelsen MB, Pedersen SJ. Magnetic resonance imaging in spondyloarthritis-how to quantify findings and measure response. *Best Practice Research: Clinical Rheumatology*. 2010 okt 1;24(5):637-57.
- Bogkapitler og andre ikke peer-viewed publikationer:*
1. Bukh G, Larsen JL., Sigaard L. Sygepleje til patienter med reumatologiske sygdomme. *Sygeplejebogen* 4, 3 udgave; Gads forlag 2011 (335-355).
  2. Madsen OR. Forskningsudvalget i Dansk Reumatologisk Selskab. *Best Practice Rheumatology* 2010; 3 (8): 14.
  3. Madsen OR. DAS og EULAR responskriterierne. *Best Practice Rheumatology* 2010; 3 (9): 12-14.
  4. Madsen OR. Ændring af DMARD-dosis – reumatologer og patienter har forskellig holdning. *Best Practice Rheumatology* 2010; 3 (10): 12-13.

5. Dyhre-Poulsen P, Zebitz L, Lauridsen S. Dynamisk funktion af det motoriske system kapitel i Ortopædkirurgi for ergoterapeuter og fysioterapeuter Krogsgaard MR, Rheinlænder P, Larsen AE (red.) Munksgaard Danmark København 2010

6. Juhl C, Lund H. Evidensbaseret praksis kapitel 11 i Basisbog i Fysioterapi. Lund H, Bjørnlund IB, Sjøberg JE (red.) Munksgaard Danmark København 2010

7. Andersen B, Hovmand B. Motorisk udvikling, kontrol og læring. Kap 8 i Basisbog i Fysioterapi. Lund H, Bjørnlund IB, Sjøberg JE (red.) Munksgaard Danmark København 2010

# Serviceafdelingen

## Ernæringsenheden

### Hovedopgaver for Ernæringsenheden

- Implementering og kvalitetssikring af ernæringsstandarderne
- Etablering og videreudvikling af ernæringsorganisationen på hospitalet til sikring af ovenstående
- Etablering af en database til registrering af kvalitetsparametre inden for ernæringscreening og ernæringsterapi på afdelings- og hospitalsniveau
- Uddannelse og undervisning af relevante personalegrupper
- Medvirken til - på basis af evidens - prioritering af den sygdoms-specifikke ernæringsindsats på hospitalet
- Medvirken til fortløbende udvikling af den ernæringsmæssige og kulinariske kvalitet af hospitalskosten

### Videnskabelige medarbejdere

#### Specialeansvarlig

Arne Astrup, overlæge, professor, dr.med.

#### Ledende klinisk diætist

Sisse Hørup Larsen, cand.scient

#### Ph.d. studerende

Nina Geiker, cand.scient

### Publikationer 2010

1. Astrup AV, Bügel SG, Dyerberg J, Stender S. Fødevarer og næringsstoffer. I: Astrup A, Bügel S, Dyerberg J, Stender S red., Menneskets ernæring. 3. udgave udg. København: Munksgård Danmark. 2010. s. 75.
2. Astrup AV, Bügel SG, Dyerberg J, Stender S. Ernæringsforskningens historie i Danmark. I: Astrup A, Bügel S, Dyerberg J, Stender S red., Menneskets ernæring. 3. udgave udg. København: Munksgård Danmark. 2010. s. 565.
3. Astrup AV, Dyerberg J, Stender S. Legemets opbygning og funktioner. I: Astrup A, Bügel S, Dyerberg J, Stender S red., Menneskets ernæring. 3. udgave udg. København: Munksgård Danmark. 2010. s. 29.
4. Bladbjerg E, Larsen TM, Due A, Jespersen J, Stender S, Astrup A. Long-term effects on haemostatic variables of three ad libitum diets differing in type and amount of fat and carbohydrate: a 6-month randomised study in obese individuals. *The British journal of nutrition*. 2010 dec 1;104(12):1824-30.
5. Dyerberg J, Hansen HS, Stender S. Fedtstoffer. I: Astrup A, Bügel S, Dyerberg J, Stender S red., Menneskets ernæring. 3. udgave udg. København: Munksgård Danmark. 2010. s. 93.
6. Geiker N, Jensen P, Kirchner Larsson L, Zachariae COC, Astrup AV, Skov L. Weight loss and skin manifestations in obese patients with psoriasis. *Obesity Reviews*. 2010 jul;11(Supplement s1)
7. Handjieva-Darlenska T, Handjiev S, Larsen TM, van Baak MA, Jebb S, Papadaki A et al. Initial weight loss on an 800-kcal diet as a predictor of weight loss success after 8 weeks: the Diogenes study. *European Journal of Clinical Nutrition*. 2010 sep 1;64(9):994-9.
8. Kring SII, Holst C, Toubro S, Astrup A, Hansen T, Pedersen O et al. Common variants near MC4R in relation to body fat, body fat distribution, metabolic traits and energy expenditure. *International journal of obesity (2005)*. 2010 jan 1;34(1):182-9.
9. Lassen MT, Andersen JR, Astrup AV. Kernesund familie – er der noget om snakken?. *Maanedsskrift for Praktisk Lægegering*. 2010 jun;(6):512.
10. Lassen MT, Andersen JR, Astrup AV. Alternative ernæringsråd i den ikkefaglige presse - sjældent sande, men besværlige at tilbagevise. *Ugeskrift for Læger*. 2010 jun;274.
11. Plaschke P, Skamstrup Hansen K, Bindslev-Jensen C, Astrup AV, Bügel S, Dyerberg J et al. Fødevareroverfølsomhed, i Menneskets ernæring. 3 udg. Munksgård Danmark, 2010. 624 s.
12. Stender S, Astrup AV, Dyerberg J. Principper for evidensbase-rede næringsstofanbefalinger. I: Astrup A, Bügel S, Dyerberg J, Stender S red., Menneskets ernæring. 3. udgave udg. København: Munksgård Danmark. 2010. s. 235.
13. Stender S, Dyerberg J. Kost og åreforkalkning. I: Astrup A, Bügel S, Dyerberg J, Stender S red., Menneskets ernæring. 3. udgave udg. København: Munksgård Danmark. 2010. s. 463.

# Øre-næse-hals/audiologisk afdeling E

## Forskningstemaer

- Resultater efter thyroidea- og parathyroideakirurgi
- Klinisk og basalvidenskabelig forskning vestibularis schwannomer (akustikus neurinomer)
- Klinisk og eksperimentel forskning om meningitis
- Klinisk og eksperimentel forskning om mellemørebetændelse
- Resultater efter cochlea implantation
- Genetisk forskning relateret til hørenedsættelse/døvhed
- Psykologiske faktorer relateret til ændret udseende efter operation for hoved-halscancer

## Videnskabelige medarbejdere

### Professorer

Lisbeth Tranebjærg, dr.med.

### Kliniske forskningslektorer/postdocs

Nanna Dahl Rendtorff, lic. scient. (fondslønnet)

### Ph.d. studerende

Lise Worsøe, cand.med.

Anette Lykke Hindhede, cand.mag.

### Andet forskningsaktivt personale

Lone Percy-Smith, audiologopæd

Elisabeth Simonsen, bioanalytiker

Marianne Lodahl, bioanalytiker

Poul Westermann, bioanalytiker (fondslønnet)

### Forskningsansvarlig

Per Cayé-Thomasen, overlæge, dr.med.

## Videnskabelige afhandlinger

### Ph.d. afhandlinger

Konradsen H.

From silent problem to interactional integration.: A qualitative longitudinal study of patients with facial disfigurement. Aarhus: Aarhus Universitetsforlag, 2010. 126 s.

## Publikationer 2010

1. Agger A, Buchwald CV, Madsen AR, Yde J, Lesnikova I, Christensen CB et al. Squamous cell carcinoma of the nasal vestibule 1993-2002: a nationwide retrospective study from DAHANCA. *Head & Neck Pathology*. 2009 dec 1;31(12):1593-9.
2. Barrington SF, Qian W, Somer EJ, Franceschetto A, Bagni B, Brun E et al. Concordance between four European centres of PET reporting criteria designed for use in multicentre trials in Hodgkin lymphoma. *European Journal of Nuclear Medicine and Molecular Imaging*. 2010 okt 1;37(10):1824-33.
3. Bilde A, von Buchwald C, Johansen J, Bastholt L, Sørensen JAHM, Marker P et al. The Danish national guidelines for treatment of oral squamous cell carcinoma. *Acta Oncologica*. 2006 jan 1;45(3):294-9.
4. Cayé-Thomasen P, Helweg-Larsen RHA, Stangerup S, Thomsen JC, Nielsen FC. Deregulated genes in sporadic vestibular schwannomas. *Otology & Neurotology*. 2010 feb 1;31(2):256-66.
5. Hansen S, Anthonsen K, Stangerup S, Jensen JH, Thomsen J, Cayé-Thomasen P. Unexpected findings and surgical complications in 505 consecutive cochlear implantations: a proposal for reporting consensus. *Acta Oto-Laryngologica. Supplement*. 2010 maj 1;130(5):540-9.
6. Hansen S, Thomsen J, Cayé-Thomasen P. Menières sygdom. *Ugeskrift for læger*. 2010 apr 12;172(15):1130-5.
7. Hauge AW, Kirchmann M, Olesen J. Trigger factors in migraine with aura. *Cephalalgia : an international journal of headache*. 2010;30(3):346-53.
8. Junker N, Andersen MH, Wenandy L, Dombernowsky SL, Kiss K, Sørensen CH et al. Bimodal ex vivo expansion of T cells from patients with head and neck squamous cell carcinoma: a prerequisite for adoptive cell transfer. *Cytotherapy*. 2011 mar 24
9. Kaltoft M, Munch-Petersen HR, Møller H. Leishmaniasis isoleret til larynx som årsag til kronisk laryngitis. *Ugeskrift for læger*. 2010 okt 18;172(42):2898-9.
10. Kokotas H, Grigoriadou M, Li Y, Lodahl M, Rendtorff ND, Gyftodimou Y et al. Homoplasmy of the G7444A mtDNA and heterozygosity of the GJB2 c.35delG mutations in a family with hearing loss. *International Journal of Pediatric Otorhinolaryngology*. 2011 jan 1;75(1):89-94.

11. Konradsen H, Kirkevold M, Zoffmann V. Surgical facial cancer treatment: the silencing of disfigurement in nurse-patient interactions. *Journal of Advanced Nursing*. 2009 nov 1;65(11):2409-18.
12. Koppelhus U, Tranebjærg L, Esberg G, Ramsing M, Lodahl M, Rendtorff ND et al. A novel mutation in the connexin 26 gene (GJB2) in a child with clinical and histological features of keratitis-ichthyosis-deafness (KID) syndrome. *Clinical and Experimental Dermatology. Supplement*. 2011 mar 1;36(2):142-8.
13. Londero SC, Godballe C, Krogdahl A, Bastholt L, Specht L, Sørensen CH et al. Papillary microcarcinoma of the thyroid gland: is the immunohistochemical expression of cyclin D1 or galectin-3 in primary tumour an indicator of metastatic disease?. *Acta oncologica (Stockholm, Sweden)*. 2008 jan 1;47(3):451-7.
14. Morisada N, Rendtorff ND, Nozu K, Morishita T, Miyakawa T, Matsumoto T et al. Branchio-oto-renal syndrome caused by partial EYA1 deletion due to LINE-1 insertion. *Pediatric nephrology (Berlin, Germany)*. 2010 jul 1;25(7):1343-8.
15. Møller MN, Werther K, Nalla A, Stangerup S, Thomsen J, Bøgh-Hansen TC et al. Angiogenesis in vestibular schwannomas: expression of extracellular matrix factors MMP-2, MMP-9, and TIMP-1. *The Laryngoscope*. 2010 apr 1;120(4):657-62.
16. Nielsen NR, Rasmussen N. Larynxpapillomer behandlet med CO2-laser. *Ugeskrift for læger*. 2010 jan 25;172(4):284-9.
17. Percy-Smith L, Cayé-Thomasen P, Breinegaard N, Jensen JH. Parental mode of communication is essential for speech and language outcomes in cochlear implanted children. *Acta Oto-Laryngologica. Supplement*. 2010 jun 1;130(6):708-15.
18. Rossing M, Kaczowski B, Futoma-Kazmierczak E, Glud M, Klausen M, Faber JO et al. A simple procedure for routine RNA extraction and miRNA array analyses from a single thyroid in vivo fine needle aspirate. *Scandinavian Journal of Clinical and Laboratory Investigation. Supplement*. 2010 dec 1;70(8):529-34.
19. Salomonsen RL, Hermansson A, Cayé-Thomasen P. Ossicular bone modeling in acute otitis media. *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*. 2010 sep 1;31(7):1109-14.
20. Schüz J, Steding-Jessen M, Hansen S, Stangerup S, Cayé-Thomasen P, Johansen C. Sociodemographic factors and vestibular schwannoma: a Danish nationwide cohort study. *Neuro-Oncology*. 2010 dec 1;12(12):1291-9.
21. Skirton H, Lewis C, Kent A, Coviello DA, Members of Eurogentest Unit 6 and ESHG Education Committee, Tranebjærg L. Genetic education and the challenge of genomic medicine: development of core competences to support preparation of health professionals in Europe. *European journal of human genetics : EJHG*. 2010 sep 1;18(9):972-7.
22. Stangerup S, Tos M, Thomsen J, Cayé-Thomasen P. True incidence of vestibular schwannoma?. *Neurosurgery Quarterly*. 2010 nov 1;67(5):1335-40; discussion 1340.
23. Stangerup S, Thomsen J, Tos M, Cayé-Thomasen P. Long-term hearing preservation in vestibular schwannoma. *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*. 2010 feb 1;31(2):271-5.
24. Stangerup S, Tos M, Thomsen J, Cayé-Thomasen P. Hearing outcomes of vestibular schwannoma patients managed with 'wait and scan': predictive value of hearing level at diagnosis. *The Journal of laryngology and otology*. 2010 maj 1;124(5):490-4.
25. Sun C, Van Ghelue M, Tranebjærg L, Thyssen F, Nilssen O, Torbergson T. Myotonia congenita and myotonic dystrophy in the same family: coexistence of a CLCN1 mutation and expansion in the CNBP (ZNF9) gene. *Dysmorphology and Clinical Genetics*. 2010 dec 15
26. Topsakal V, Hilgert N, van Dinther J, Tranebjærg L, Rendtorff ND, Zarowski A et al. Genotype-phenotype correlation for DFNA22: characterization of non-syndromic, autosomal dominant, progressive sensorineural hearing loss due to MYO6 mutations. *Audiology & neuro-otology*. 2010 jan 1;15(4):211-20.
27. Tranebjærg L, Rendtorff N, Lodahl M, Stensland H, Möller AR. Usher Syndrome: Diagnostic utility of the Asper Biotech's Genotyping Microarray. I: Ahuja S red., *Usher Syndrome: Pathogenesis, Diagnosis and Therapy*. Nova Science Publishers, Incorporated. 2010
28. Trolle W, Møller H, Bennedbaek FN, Nygaard B, Sørensen CH. Minimally invasive operation for hyperparathyroidism. *Ugeskrift for læger*. 2010 jan 4;172(1):33-8.
29. Worsøe LL, Brandt C, Lund S, Andersen CØ, Thomsen J, Cayé-Thomasen P. Intratympanic Steroid Prevents Long-Term Spiral Ganglion Neuron Loss in Experimental Meningitis. *Otology & Neurotology*. 2010;31(3):394-403.
30. Worsøe LL, Brandt C, Lund S, Andersen CØ, Thomsen J, Cayé-Thomasen P. Systemic Steroid Reduces Long-Term Hearing Loss in Experimental Pneumococcal Meningitis. *Laryngoscope*. 2010;120(9):1872-1879.

31. Worsøe LL, Caye-Thomasen P, Brandt C, Thomsen J, Andersen CØ. Factors Associated with the Occurrence of Hearing Loss after Pneumococcal Meningitis. *Clinical Infectious Diseases*. 2010;51(8):917-924.
32. Worsøe L, Brandt CT, Lund SP, Østergaard C, Thomsen J, Cayé-Thomasen P. Systemic steroid reduces long-term hearing loss in experimental pneumococcal meningitis. *The Laryngoscope*. 2010 sep 1;120(9):1872-9.
33. Worsøe L, Cayé-Thomasen P, Brandt CT, Thomsen J, Østergaard C. Factors associated with the occurrence of hearing loss after pneumococcal meningitis. *Clinical infectious diseases : an official publication of the Infectious Diseases Society of America*. 2010 okt 15;51(8):917-24.
34. Worsøe L, Brandt CT, Lund SP, Ostergaard C, Thomsen J, Cayé-Thomasen P. Intratympanic steroid prevents long-term spiral ganglion neuron loss in experimental meningitis. *Otology & neurotology : official publication of the American Otological Society, American Neurotology Society [and] European Academy of Otology and Neurotology*. 2010 apr 1;31(3):394-403.

# Medicinsk afdeling F

Afdelingens specialer er medicinsk gastroenterologi-hepatologi, endokrinologi og intern medicin. Til afdelingen er knyttet et forskningslaboratorium som varetager såvel basal som klinisk forskning i afdelingens specialer. I tillæg til den kliniske og laboratoriemæssige forskning har afdelingen et aktivt forskningsmiljø indenfor epidemiologi, klinisk farmakologi og farmakoepidemiologi knyttet til specialerne. Forskningen indgår i højt estimerede internationale og nationale forskningsnetværk.

## Forskningstemaer

- Incretinhormoner ved type 2 diabetes (Diabetologisk forskningsenhed)
- Integration af diabetesbehandling mellem praksis og hospital (E. Duun)
- Klinisk, epidemiologisk og registerbaseret forskning i osteoporose og andre calciummetaboliske sygdomme (B. Abrahamsen)
- Strukturel cellebiologi og glatmuskelfunktion: Cajals interstitialcelle (J.J. Rumessen)
- Tyndtarmsfunktion ved cøliaki og bakteriel overvækst (J.J. Rumessen, S. Friis, L. Gluud)
- Inflammatorisk tarmsygdom (E. Langholz, S. Wildt, J.J. Rumessen)
- Metoder til detektion af bias (L. Gluud)
- Systematiske reviews vedr. hepatobiliære sygdomme (L. Gluud)
- Klinisk betydning af minimal hepatisk encephalopati (L. Gluud)

## Videnskabelige medarbejdere

### Professor

Bo Abrahamsen, overlæge, dr.med.

### Klinisk forskningslektor

Jüri Johannes Rumessen, specialeansvarlig overlæge, dr.med.

### Ph.d. studerende

Astrid Plamboeck, læge

Kristine Hare, læge

Jacob Sivertsen, læge (ansat på Kardiologisk Afd. P, Gentofte Hospital)

Katrine Bagge-Hansen, læge (ansat på Klinisk Fysiologisk Afd., Glostrup Hospital)

Thomas Idorn, læge (ansat på Nefrologisk Afd., Rigshospitalet)

Dorthe Brask-Lindemann, læge (ansat på Køge hospital)

### Andet forskningsaktivt personale

Tina Vilsbøll, speciallæge, dr. med.

Elsebeth Duun, overlæge

Filip K. Knop, ph.d.

Mikkel Christensen, cand.med.

Louise Vedtofte, cand. scient.

Jonatan Ising Bagger, stud.med.

Asger Lund, stud.med.

Lisbeth Bonde, stud.med.

Signe Wildt, cand.med.

Steffen Friis, dr.med.

## Forskningsansvarlig

Bo Abrahamsen, professor, overlæge, dr.med.

## Publikationer 2010

1. DIPART (Vitamin D Individual Patient Analysis of Randomized Trials) Group, Abrahamsen B. Patient level pooled analysis of 68 500 patients from seven major vitamin D fracture trials in US and Europe. *BMJ (Clinical research ed.)*. 2010 jan 1;340:b5463.
2. Abrahamsen B, Eiken P, Eastell R. Cumulative alendronate dose and the long-term absolute risk of subtrochanteric and diaphyseal femur fractures: a register-based national cohort analysis. *The Journal of clinical endocrinology and metabolism*. 2010 dec 1;95(12):5258-65.
3. Abrahamsen B. Bisphosphonate adverse effects, lessons from large databases. *Current Opinion in Rheumatology*. 2010 jul 1;22(4):404-9.
4. Abrahamsen B. Adverse effects of bisphosphonates. *Calcified Tissue International*. 2010 jun 1;86(6):421-35.
5. Abrahamsen B, Vestergaard P. Declining incidence of hip fractures and the extent of use of anti-osteoporotic therapy in Denmark 1997-2006. *Osteoporosis international : a journal established as result of cooperation between the European Foundation for Osteoporosis and the National Osteoporosis Foundation of the USA*. 2010 mar 1;21(3):373-80.
6. Asmar M, Bache M, Knop FK, Madsbad S, Holst JJ. Do the actions of glucagon-like peptide-1 on gastric emptying, appetite, and food intake involve release of amylin in humans?. *The Journal of clinical endocrinology and metabolism*. 2010 maj 1;95(5):2367-75.
7. Bjelakovic G, Gluud LL, Nikolova D, Bjelakovic M, Nagorni A, Gluud C. Meta-analysis: antioxidant supplements for liver diseases - the Cochrane Hepato-Biliary Group. *Alimentary Pharmacology and Therapeutics*. 2010 aug 1;32(3):356-67.

8. Brok J, Gluud L, Gluud C. Meta-analysis: ribavirin plus interferon vs. interferon monotherapy for chronic hepatitis C - an updated Cochrane review. *Alimentary Pharmacology and Therapeutics*. 2010 okt 1;32(7):840-50.
9. Burisch J, Dahlerup JF, Lakatos P, Salupere R, Shonova O, Bortlik M et al. Is there an East-West incidence gradient in IBD-caused by environmental factors and D vitamin level? An EpiCom trial, [www.epicom-ecco.eu](http://www.epicom-ecco.eu). *Scandinavian Journal of Gastroenterology*. 2010;45:81-82.
10. Christensen M, Knop FK, Vilsbøll T, Aaboe K, Holst JJ, Madsbad S et al. Glucagon-like peptide-2, but not glucose-dependent insulinotropic polypeptide, stimulates glucagon release in patients with type 1 diabetes. *Regulatory Peptides*. 2010 aug 9;163(1-3):96-101.
11. Christensen M, Knop FK. Once-weekly GLP-1 agonists: How do they differ from exenatide and liraglutide?. *Current Diabetes Reports*. 2010 apr 1;10(2):124-32.
12. Eiken PA, Abrahamsen B. Udredning og behandling af osteoporotiske hoftefrakturer. *Ugeskrift for læger*. 2010 mar 1;172(9):700-4.
13. Elkjaer M, Shuhaibar M, Burisch J, Bailey Y, Scherfig H, Laugesen B et al. E-health empowers patients with ulcerative colitis: a randomised controlled trial of the web-guided 'Constant-care' approach. *Gut*. 2010;59(12):1652-1661.
14. Elkjaer M, Langholz E, Neergaard L, Hansen V, Bendtsen F, Nordgaard-Lassen I et al. Can web guided Remicade (R) therapy change the disease course in Crohn's Disease?. *Scandinavian Journal of Gastroenterology*. 2010;45:56.
15. Elkjaer M, Burisch J, Scherfig H, Avnstrom S, Laugesen B, Langholz E et al. Is self-initiated web-guided therapy with 5-Aminosalicylates in patients with Ulcerative Colitis changing the disease course? A constant-care randomised trial. *Scandinavian Journal of Gastroenterology*. 2010;45:70-71.
16. Frost M, Abrahamsen B, Nielsen TL, Hagen C, Andersen M, Brixen K. Vitamin D status and PTH in young men: a cross-sectional study on associations with bone mineral density, body composition and glucose metabolism. *Clinical Endocrinology*. 2010 nov 1;73(5):573-80.
17. Frost M, Abrahamsen B, Nielsen TL, Frystyk J, Flyvbjerg A, Hagen C et al. Adiponectin and peak bone mass in men: a cross-sectional, population-based study. *Calcified Tissue International*. 2010 jul 1;87(1):36-43.
18. Gluud LL, Christensen K, Christensen E, Krag AA. Systematic review of randomized trials on vasoconstrictor drugs for hepatorenal syndrome. *Hepatology (Baltimore, Md.)*. 2010 feb 1;51(2):576-84.
19. Hansen KB, Vilsbøll T, Knop FK. Incretin mimetics: a novel therapeutic option for patients with type 2 diabetes - a review. *Diabetes, Metabolic Syndrome and Obesity*. 2010 jan 1;3:155-63.
20. Hansen KB, Vilsbøll T, Bagger JI, Holst JJ, Knop FK. Reduced glucose tolerance and insulin resistance induced by steroid treatment, relative physical inactivity, and high-calorie diet impairs the incretin effect in healthy subjects. *The Journal of clinical endocrinology and metabolism*. 2010 jul 1;95(7):3309-17.
21. Hare KJ, Vilsbøll T, Asmar M, Deacon CF, Knop FK, Holst JJ. The glucagonostatic and insulinotropic effects of glucagon-like peptide 1 contribute equally to its glucose-lowering action. *Diabetes*. 2010 jul 1;59(7):1765-70.
22. Hare KJ, Vilsbøll T, Holst JJ, Knop FK. Inappropriate glucagon response after oral compared with isoglycemic intravenous glucose administration in patients with type 1 diabetes. *American Journal of Physiology: Endocrinology and Metabolism*. 2010 apr 1;298(4):E832-7.
23. Hare KJ, Knop FK. Incretin-based therapy and type 2 diabetes. *Vitamins and Hormones*. 2010 jan 1;84:389-413.
24. Hornum M, Pedersen J, Larsen S, Olsen O, Holst JJ, Knop FK. Increased postprandial response of glucagon-like peptide-2 in patients with chronic pancreatitis and pancreatic exocrine insufficiency. *Pancreatology*. 2010 jan 1;10(2-3):201-7.
25. Hundrup YA, Jacobsen RK, Andreasen AH, Davidsen M, Obel EB, Abrahamsen B. Validation of a 5-year risk score of hip fracture in postmenopausal women. The Danish Nurse Cohort Study. *Osteoporosis international : a journal established as result of cooperation between the European Foundation for Osteoporosis and the National Osteoporosis Foundation of the USA*. 2010 dec 1;21(12):2135-42.
26. Iorio A, Marchesini E, Awad T, Gluud LL. Antiviral treatment for chronic hepatitis C in patients with human immunodeficiency virus. *Cochrane Database of Systematic Reviews*. 2010 jan 1;(1):CD004888.
27. Jimenez-Solem E, Rasmussen MH, Christensen M, Knop FK. Dulaglutide, a long-acting GLP-1 analog fused with an Fc antibody fragment for the potential treatment of type 2 diabetes. *Current Opinion in Molecular Therapeutics*. 2010 dec 1;12(6):790-7.

28. Kallesøe J, Langholz E, Frisch M, Bjerrum J, Nielsen O. [Development of colorectal cancer in ulcerative colitis]. *Ugeskrift for Læger*. 2010;172(43):2960-2962.
29. Kannegaard PN, van der Mark S, Eiken P, Abrahamsen B. Excess mortality in men compared with women following a hip fracture. National analysis of comedications, comorbidity and survival. *Age and Ageing*. 2010 mar 1;39(2):203-9.
30. Knop FK, Vilsbøll T, Lund A, Krarup T, Holst JJ, Hornum M. The impact of pancreatic enzyme supplementation on postprandial responses of glucagon-like Peptide-2 in patients with chronic pancreatitis and pancreatic exocrine insufficiency. *Journal of the Pancreas*. 2010 jan 1;11(5):489-91.
31. Knop FK. Incretin hormones and beta cell function in chronic pancreatitis. *Danish Medical Bulletin (Online)*. 2010 jul 1;57(7):B4163.
32. Knop FK. Comment on: Villareal et al. (2009) TCF7L2 variant rs7903146 affects the risk of type 2 diabetes by modulating incretin action. *Diabetes*;59:479-485. *Diabetes*. 2010 jun 1;59(6):e4; author reply e5-6.
33. Knop FK. Bile-induced secretion of glucagon-like peptide-1: pathophysiological implications in type 2 diabetes?. *American Journal of Physiology: Endocrinology and Metabolism*. 2010 jul 1;299(1):E10-3.
34. Knop FK, Vilsbøll T, Larsen S, Madsbad S, Holst JM, Krarup T. Glucagon suppression during OGTT worsens while suppression during IVGTT sustains alongside development of glucose intolerance in patients with chronic pancreatitis. *Regulatory Peptides*. 2010 sep 24;164(2-3):144-50.
35. Krag A, Wiest R, Gluud LL. Endoscopic variceal ligation alone or with pharmacological therapy for recurrent variceal bleeding: the importance of intention-to-treat analyses. *Alimentary Pharmacology and Therapeutics*. 2010 jan 15;31(2):341-3.
36. Mathiesen ER, Nielsen LR, Damm P. Hypertension in diabetes in pregnancy. I: A practical manual of diabetes in pregnancy. 2010. s. 146-153.
37. Odes S, Vardi H, Friger M, Esser D, Wolters F, Moum B et al. Clinical and economic outcomes in a population-based European cohort of 948 ulcerative colitis and Crohn's disease patients by Markov analysis. *Alimentary Pharmacology and Therapeutics*. 2010;31(7):735-744.
38. Rumessen JJ, Vanderwinden J, Horn T. Ulcerative colitis: ultrastructure of interstitial cells in myenteric plexus. *Ultrastructural pathology*. 2010 okt 1;34(5):279-87.
39. Shane E, Burr D, Ebeling PR, Abrahamsen B, Adler RA, Brown TD et al. Atypical subtrochanteric and diaphyseal femoral fractures: report of a task force of the American Society for Bone and Mineral Research. *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*. 2010 nov 1;25(11):2267-94.
40. Vilsbøll T, Rosenstock J, Yki-Järvinen H, Cefalu WT, Chen Y, Luo E et al. Efficacy and safety of sitagliptin when added to insulin therapy in patients with type 2 diabetes. *Diabetes, Obesity and Metabolism Online*. 2010 feb 1;12(2):167-77.
41. Aaboe K, Knop FK, Vilsbøll T, Deacon CF, Holst JM, Madsbad S et al. Twelve weeks treatment with the DPP-4 inhibitor, sitagliptin, prevents degradation of peptide YY and improves glucose and non-glucose induced insulin secretion in patients with type 2 diabetes mellitus. *Diabetes, Obesity and Metabolism Online*. 2010 apr 1;12(4):323-33.

# Anæstesi – operation - intensiv afdeling I

## Forskningstemaer

- Genoplivede hypotermi behandlede patienter efter hjertestop; 7- og 30 dages mortalitet
- Postpartum blødning; relation til indtagelse af kosttilskud og naturlægemidler
- NAPS (nurse administrated propofol sedation); opgørelse af hypoxi episoder og relation til søvnapnø
- Standardiseret patientforløb efter elektiv aorta aneurysme kirurgi

## Videnskabelige medarbejdere

Nina Vendel Jensen, forsknings- og operationssygeplejerske

## Forskningsansvarlig

Teit Mantoni, 1. reservelæge

## Publikationer 2010

1. Brandstrup B, Tønnesen H, Beier-Holgersen R, Hjortsø E, Ørting H, Larsen KL et al. Effects of intravenous fluid restriction on postoperative complications: comparison of two perioperative fluid regimens: a randomized assessor-blinded multicenter trial. *Annals of Surgery*. 2003 nov 1;238(5):641-8.

2. Ibsen M, Tenhunen J, Wiis J, Waldau T, Lauritsen A, Thornberg K et al. Lactate concentrations in the rectal lumen in patients in early septic shock. *Acta Anaesthesiologica Scandinavica*. 2010;54(7):827-832.

3. Perner A, Haase N, Wetterslev J, Aneman A, Tenhunen J, Guttorf AB et al. Comparing the effect of hydroxyethyl starch 130/0.4 with balanced crystalloid solution on mortality and kidney failure in patients with severe sepsis (6S - Scandinavian Starch for Severe Sepsis/Septic Shock trial): Study protocol, design and rationale for a double-blinded, randomised clinical trial. *Trials*. 2011 jan 1;12(1):24.

# Klinisk Biokemisk Afdeling

Vi undersøger kontinuert tilstedeværelsen af transfedtsyrer i en række populære fødevarer i EU og forsøger ved interventionsstudier at klarlægge de mekanismer der ligger til grund for sammenhængen mellem øget indtag af transfedtsyrer og øget risiko for hjertekarsygdom.

Et andet af afdelingens forskningstemaer er centreret om pulsårevægens reaktion på rygning, såvel aktiv som passiv. Vi bruger friske udyrkede endothelceller fra et såkaldt navlesnorsskrab fra kvinder der har røget eller været udsat for passiv rygning under graviditeten og sammenligner disse cellers nitrogenoxiddannelse med tilsvarende celler fra kvinder, der ikke har røget eller ikke har været udsat for passiv rygning under graviditeten.

## Forskningstemaer

- Tilstedeværelsen af transfedtsyrer i populære fødevarer i EU
- Transfedtsyrers biologiske virkning på overvægtige postmenopausale kvinder
- Klinisk biokemiske referenceområder hos gravide
- Passiv rygning hos gravide og barnets fødselsvægt
- Filaggrinmutationer og eksem sygdomme

## Videnskabelige medarbejdere

Steen Stender, ledende overlæge, dr.med.  
Pal Szesci, overlæge, dr.med.

## Andet forskningsaktivt personale

Malene Rohr Andersen, projektkoordinator, ph.d.  
Michael Meldgaard, molekylærbiolog, ph.d.

## Forskningsansvarlig

Steen Stender, ledende overlæge, dr.med.

## Publikationer 2010

1. Andersen MR, Uldbjerg N, Stender S, Sandager P, Aalkjær C. Maternal smoking and impaired endothelium-dependent nitric oxide-mediated relaxation of uterine small arteries in vitro. *Am J Obstet Gynecol* 2010; Oct 23 (Epub).
2. Bladbjerg EM, Larsen TM, Due A, Jespersen J, Stender S, Astrup A. Long-term effects on haemostatic variables of three ad libitum diets differing in type and amount of fat and carbohydrate: a 6-month randomised study in obese individuals. *Br J Nutr* 2010; 104(12): 1824-30.

3. Carlsen BC, Johansen JD, Menné T, Meldgaard M, Szecsi PB, Stender S, Thyssen JP.

Filaggrin null mutations and association with contact allergy and allergic contact dermatitis: results from a tertiary dermatology clinic. *Contact Dermatitis* 2010; 63(2): 89-95.

4. Dufour N, Thamsborg G, Oefeldt A, Lundsgaard C, Stender S. Treatment of chronic low back pain: a randomized, clinical trial comparing group-based multidisciplinary biopsychosocial rehabilitation and intensive individual therapist-assisted back muscle strengthening exercises. *Spine* 2010; 35(5): 469-76.

5. Froelund U, Sandbakken E, Szecsi P, Birgens H. Further Studies on Hb Canebière [ $\beta$ 12(G4)Asn $\rightarrow$ His], a Low Affinity Hemoglobin Variant. *Hemoglobin* 2010; 34(5): 495-9.

6. Klajnbard A, Szecsi PB, Colov NP, Andersen MR, Jørgensen M, Bjørngaard B, Barfoed A, Haahr K, Stender S. Laboratory reference intervals during pregnancy, delivery, and the early postpartum period. *Clin Chem Lab Med*. 2010; 48(2):237-48.

7. Larsen TM, Dalskov SM; van Baak M, Jebb SA, Papadaki A; Pfeiffer AFH, Martinez JA, Handjieva-Darlenska T, Kunesova M, Pihlsgård M, Stender S, Holst C, Saris WH, Astrup A. Diets with high or low protein content and glycemic index for weight-loss maintenance. *N Engl J Med* 2010; 363(22): 2102-13.

8. Meldgaard M, Szecsi PB, Stender S. Kan du tåle at vaske op? Genetisk analyse for filaggrinmangel *Danske bioanalytikere*, 2010 (6+7):19.

9. The Navigator Study Group (including Stender S) Effect of Nateglinide on the Incidence of Diabetes and Cardiovascular Events. *N Engl J Med*. 2010; 362(2): 1463-76.

10. The Navigator Study Group (including Stender S). Effect of Valsartan on the Incidence of Diabetes and Cardiovascular Events. *N Engl N Med*. 2010; 362(2): 1477-90.

11. Stender S, Dyerberg J, Astrup A.  
Hjertesygdom og transfedt i Danmark.  
Aktuel Naturvidenskab 2010; 6: 6-9.
12. Szecsi PB, Jørgensen M, Klajnbard A, Andersen MR, Colov NP, Stender S.  
Haemostatic reference intervals in pregnancy.  
Thromb Haemost. 2010; 103(4):718-27.
13. Szecsi PB, Stender S.  
Normalværdier på blodprøver fra gravide  
DSKB-NYT, 2010(2): 12-16.
14. Szecsi PB, Stender S.  
Normalværdier på blodprøver fra gravide  
Klinisk Biokemi i Norden, 2010, 22(3): 12-19.
15. Thyssen JP, Johansen JD, Linneberg A, Menné T, Meldgaard M, Szecsi PB, Stender S.  
The association between null mutations in the filaggrin gene and contact sensitization to nickel and other chemicals in the general population.  
Br J Dermatol 2010; 162(6): 1278-85.
16. Thyssen JP, Carlsen BC, Johansen JD, Meldgaard M, Szecsi PB, Stender S, Menné T.  
Filaggrin haploinsufficiency among patients with dermatitis from a tertiary referral centre: early findings and possible phenotype.  
Contact Dermatitis 2010; 62(3): 182-3.
17. Thyssen JP, Carlsen BC, Menné T, Linneberg A, Nielsen NH, Meldgaard M, Szecsi PB, Stender S, Johansen JD.  
Filaggrin null mutations increase the risk and persistence of hand eczema in subjects with atopic dermatitis: results from a general population study.  
Br J Dermatol 2010; 163(1): 115-20.
18. Thyssen JP, Carlsen BC, Johansen JD, Meldgaard M, Szecsi PB, Stender S, Menné T.  
Filaggrin null-mutations may be associated with a distinct subtype of atopic hand eczema.  
Acta Derm Venereol 2010; 90(5): 528.
3. Astrup A, Bügel S, Dyerberg J, Stender S.  
Ernæringsforskningens historie I Danmark.  
Bidrag til bogen Menneskets Ernæring, 3. udgave København: Munksgaard, 2010: 565–577.
4. Astrup A, Dyerberg J, Stender S.  
Legemets opbygning og funktioner  
Bidrag til bogen Menneskets Ernæring, 3. udgave København: Munksgaard, 2010: s. 29–39.
5. Dyerberg J, Hansen HS, Stender S.  
Fedtstoffer  
Bidrag til bogen Menneskets Ernæring, 3. udgave København: Munksgaard, 2010: 93–108.
6. Stender S, Astrup A, Dyerberg J.  
Principper for evidensbaserede næringsstofbefalinger  
Bidrag til bogen Menneskets Ernæring, 3. udgave København: Munksgaard, 2010: 235–244.
7. Stender S, Dyerberg J.  
Kost og åreforkalkning  
Bidrag til bogen Menneskets Ernæring, 3. udgave København: Munksgaard, 2010: 463–481.

## Lærebogsudarbejdelse 2010

1. Astrup A, Bügel S, Dyerberg J, Stender S (redaktører)  
Menneskets ernæring  
København: Munksgaard 2010, 3. udgave: 1-624
2. Astrup A, Bügel S, Dyerberg J, Stender S.  
Fødevarer og næringsstoffer  
Bidrag til bogen Menneskets Ernæring, 3. udgave København: Munksgaard, 2010: 75–77.

# Dermato-allergologisk afdeling K

Afdeling K består af flere enheder. *Dermatologi* med et dermatovenerologisk-ambulatorium/ behandlingsafsnit og allergilaboratorium. *Allergologi* med et allergiambulatorium og Laboratorium for Medicinsk Allergologi. Endvidere *Dansk BørneAstma Center* og *Videncenter for Allergi*.

Dermatologien og Videncenter for Allergi har følgende forskningstemaer: kontaktallergi (epidemiologi, risikofaktorer, forebyggelse, genetik og immunologi), psoriasis (immunologi, lægemiddeludvikling, comorbiditet) og multiple chemical sensitivity (epidemiologi og sygdomsmekanismer).

Dansk BørneAstma Center forsker i de atopiske sygdomme ved hjælp af store kohorte undersøgelser (epidemiologi, risikofaktorer, forebyggelse og genetik).

Allergologien hvorunder også Laboratorium for Medicinsk Allergologi har forskningstemaerne: udredning, mekanismer og behandling ved IgE medieret allergi (pollenallergi, fødevareallergi, lægemidler).

## Forskningstemaer

- Kontaktallergi
- Psoriasis
- IgE medieret allergi (pollenallergi, fødevareallergi, lægemidler)
- Lægemiddel udvikling/allergi
- Multiple chemical sensitivity
- Atopi, Astma

## Videnskabelige medarbejdere

### Videncenter for duft- og Kemikalieoverfølsomhed under afdeling K

#### Forskningsleder:

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Christian Riise Hauge, cand.psych

#### Seniorforsker:

Jesper Elberling, cand.med., ph.d

#### Forskningsmedarbejder:

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Anne-Marie Topp, sygeplejerske

#### Kommunikation:

Birgitte Therkelsen, journalist

### Videncenter for Allergi

Jeanne Duus Johansen, Professor, .dr.med.

#### Ph.d. studerende:

Anne Bregnhøj, cand.med.

Annette Møllerup, cand. scient.san.

Josefine Bandier, cand. med.

Katrine Ross-Hansen, cand. scient.

Maria Vølund Heisterberg, cand.med.

Susan Hovmand, cand.scient.

Michael Dyrgård Lundov, cand.scient.

#### Seniorforsker:

Heidi Søsted, cand. pharm., ph.d.

Kåre Engkilde, cand. polyt., ph.d.

Allan Røske Nielsen, cand. scient., ph.d.

#### Forskningsmedarbejdere:

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Lotte Vester, stud.med

Maria Rubin, stud.med.

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Hans Bisgaard, overlæge, professor

#### Ph.d.-studerende

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Nilofar Følsgaard, klinisk assistent

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Nadja Hawwa Vissing, klinisk assistent

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Marie Kragh, ph.d.-studerende

## Postdoc

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Morten Arendt Rasmussen, postdoc.

## Statistikere

Amne Iskandar, statistiker  
Astrid Sevelsted, statistisk medarbejder

## Administrative medarbejdere

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Catherine Collin Bjerre, klinisk assistent  
Connie Albinski, koordinerende sekretær  
Alma Jenny Pedersen, regnskabsmedarbejder  
Dion Aagaard-Hansen, datamanager  
Jens Peter Lunau, økonomisk koordinator

## Forskningsassistenter

Kirsten Hinsby Mathiesen, sygehjælper  
Lena Vind, bioanalytiker  
Lotte Klansø, forskningsassistent  
Matilde Powers, forskningsassistent  
Helle Welleberg, forskningsassistent  
Dorthe Olsen, forskningsassistent

## Prægraduat forskningsstudent

Li Juel Mortensen, prægraduat forskningsstudent  
Per Erik Nilsson, prægraduat forskningsstudent  
Maja Deleuran Devantie, prægraduat forskningsstudent

## ALLERGI Ambulatoriet

Lars K. Poulsen, professor, dr.med.

### Ph.d. studerende:

Anker Hansen  
Caroline Curtz  
Lars Blom  
Marianne Witten  
Britta Poulsen

### Seniorforskere:

Bettina M. Jensen  
Lone Hummelshøj Jensen

### Forskningsassistenter:

Maria Martens  
Morten Obstrup

## Teknisk og administrativ personale

Tine Green, projektkoordinator  
Scott Hansen, Bioanalytiker  
Eva Szyper, Bioanalytiker

## Dermatologisk ambulatorium

Lone Skov, professor, overlæge, dr.med., ph.d.

### Ph.d. studerende:

Nannie Bangsgaard, cand.med.  
Peter Jensen, cand.med.  
Marianne B. Løvendorf, cand.scient., 1. sept. og året ud.

### Forskningsmedarbejdere:

Beatrice Dyring-Andersen, cand. med.  
Mette Gyldenløve, cand. med.  
Mette R Ramm, bioanalytiker

### Navne og ansættelsesperiode i 2010 på hver enkelt professor:

Hans Bisgaard  
Jeanne Duus Johansen  
Torkil Menné  
Lars K. Poulsen  
Lone Skov

## Videnskabelige afhandlinger

### Ph.d. afhandlinger

Hansen, A.  
Phenotypic characterization of allergen specific T cells.

Garvey, LH  
Allergic Reactions during Anaesthesia and Surgery.

Klaus Bønnelykke  
Intrauterine and genetic factors in early childhood sensitization.

Porntiva Pooririsak  
Lung function measurements in children

Berg ND  
Prevalence of and Risk Factors for Chemical Sensitivity - Epidemiological and Genetic Studies.

Skovbjerg S  
Multiple Chemical Sensitivity - psychological factors, patient strategies and healthcare practices.

Bo LK Chawes

Upper and Lower Airway Pathology in Young Children with Allergic- and Non-Allergic Rhinitis

## Publikationer 2010

1. Ahlehoff O, Gislason GH, Skov L, Hansen PR.

Psoriasis and atherothrombotic disease

Ugeskr Laeger. 2010 Jun 28;172(26):1983-6.

2. Bager P, Arved J, Rønborg S, Wohlfahrt J, Poulsen LK, Westergaard T, Petersen HW, Kristensen B, Thamsborg S, Roepstorff A, Kapel C, Melbye M.

Trichuris suis ova therapy for allergic rhinitis: a randomized, double-blind, placebo-controlled clinical trial.

J Allergy Clin Immunol. 2010 Jan;125(1):123-30.

3. Bangsgaard N, Carlsen BC, Johansen JD, Menné T, Skov L. Susceptibility and reactivity in polysensitized individuals following controlled induction. Contact Dermatitis. 2010 Jul;63(1):10-4.

4. Berg ND, Rasmussen HB, Linneberg A, Brasch-Andersen C, Fenger M, Dirksen A, Vesterhauge S, Werge T, Elberling J. Genetic susceptibility factors for multiple chemical sensitivity revisited.

Int J Hyg Environ Health. 2010 Mar;213(2):131-9.

5. Bisgaard H, Bønnelykke K.

Long-term studies of the natural history of asthma in childhood.

J Allergy Clin Immunol. 2010 Aug;126(2):187-97.

6. Bisgaard H, Hermansen MN, Bønnelykke K, Stokholm J, Baty F, Skytt NL, Aniscenko J, Kebabze T, Johnston SL.

Association of bacteria and viruses with wheezy episodes in young children: prospective birth cohort study.

BMJ. 2010 Oct 4;341:c4978.

7. Blomberg M, Jeppesen EM, Skovby F, Benfeldt E.

FGFR3 mutations and the skin: report of a patient with a FGFR3 gene mutation, acanthosis nigricans, hypochondroplasia and hyperinsulinemia and review of the literature.

Dermatology. 2010;220(4):297-305.

8. Bonefeld CM, Larsen JM, Dabelsteen S, Geisler C, White IR, Menné T, Johansen JD.

Consumer available permanent hair dye products cause major allergic immune activation in an animal model.

Br J Dermatol. 2010 Jan;162(1): 102-7.

9. Borodina I, Jensen BM, Søndergaard I, Poulsen LK.

Display of wasp venom allergens on the cell surface of *Saccharomyces cerevisiae*.

Microb Cell Fact. 2010 Sep 24;9:74.

10. Brasholt M, Baty F, Bisgaard H.

Physical activity in young children is reduced with increasing bronchial responsiveness.

J Allergy Clin Immunol. 2010 May;125(5):1007-12.

11. Bregnhøj A, Haedersdal M.

Q-switched YAG laser vs. punch biopsy excision for iatrogenic radiation tattoo markers - a randomized controlled trial.

J Eur Acad Dermatol Venereol. 2010 Oct;24(10):1183-6.

12. Bønnelykke K, Phipps CB, Bisgaard H.

Transfer of maternal IgE can be a common cause of increased IgE levels in cord blood.

J Allergy Clin Immunol. 2010 Sep;126(3):657-63.

13. Bønnelykke K, Phipps CB, Tavendale R, Palmer CN, Bisgaard H.

Filaggrin gene variants and atopic diseases in early childhood assessed longitudinally from birth.

Pediatr Allergy Immunol. 2010 Sep;21(6):954-61.

14. Bønnelykke K, Bisgaard H, Hansel TT.

A novel method for assessing unchallenged levels of mediators in nasal epithelial lining fluid.

J Allergy Clin Immunol. 2010 Jun;125(6):1387-1389.

15. Carlsen BC, Johansen JD, Menné T, Meldgaard M, Szecsi PB, Stender S, Thyssen JP.

Filaggrin null mutations and association with contact allergy and allergic contact dermatitis: results from a tertiary dermatology clinic.

Contact Dermatitis. 2010 Aug;63(2):89-95.

16. Carøe C, Andersen KE, Thyssen JP, Mortz CG. Fluctuations in the prevalence of chromate allergy in Denmark and exposure to chrome-tanned leather. Contact Dermatitis 2010;63(6):340-6.

17. Chawes, B. L., Edwards, M. J., Shamji, B., Walker, C., Nicholson, G. C., Tan, A. J., Følsgaard, N. V., Bønnelykke, K., Bisgaard, H. & Hansel, T. T. (2010). A novel method for assessing unchallenged levels of mediators in nasal epithelial lining fluid. *J Allergy Clin. Immunol.* 125, 1387-1389.

18. Chawes BL, Kreiner-Møller E, Bisgaard H. Upper and lower airway patency are associated in young children. *Chest*. 2010 Jun;137(6):1332-7.
19. Chawes BL, Bønnelykke K, Kreiner-Møller E, Bisgaard H. Children with allergic and nonallergic rhinitis have a similar risk of asthma. *J Allergy Clin Immunol*. 2010 Sep;126(3):567-73.
20. Chawes BL, Buchvald F, Bischoff AL, Loland L, Hermansen M, Halkjaer LB, Bønnelykke K, Bisgaard H. Elevated exhaled nitric oxide in high-risk neonates precedes transient early but not persistent wheeze. *Am J Respir Crit Care Med*. 2010 Jul 15;182(2):138-42.
21. Doerrer N, Ladics G, McClain S, Herouet-Guicheney C, Poulsen LK, Privalle L et al. Evaluating biological variation in non-transgenic crops: executive summary from the ILSI Health and Environmental Sciences Institute workshop, November 16-17, 2009, Paris, France. *Regul Toxicol Pharmacol* 2010; 58(3 Suppl):S2-S7.
22. Domdey A, Liu A, Millner A, Lund K, Jacobi H, Malling HJ, Søndergaard I, Würtzen PA. The T cell response to major grass allergens is regulated and includes IL-10 production in atopic but not in non-atopic subjects. *Int Arch Allergy Immunol*. 2010;152(3):243-54.
23. Eefsen M, Jelnes P, Schmidt LE, Vainer B, Bisgaard HC, Larsen FS. Brain expression of the water channels Aquaporin-1 and -4 in mice with acute liver injury, hyperammonemia and brain edema. *Metab Brain Dis*. 2010 Sep;25(3):315-23.
24. Elberling J, Gulmann N, Rasmussen A. Electroconvulsive therapy substantially reduces symptom severity and social disability associated with multiple chemical sensitivity: a case report. *J ECT*. 2010 Sep;26(3):231-3.
25. Engkilde K, Buschard K, Hansen AK, Menné T, Johansen JD. Prevention of diabetes in NOD mice by repeated exposures to a contact allergen inducing a sub-clinical dermatitis. *PLoS One*. 2010 May 11;5(5),
26. Eriksen KW, Woetmann A, Skov L, Krejsgaard T, Bovin LF, Hansen ML, Grønbaek K, Billestrup N, Nissen MH, Geisler C, Wasik MA, Ødum N. Deficient SOCS3 and SHP-1 expression in psoriatic T cells. *J Invest Dermatol*. 2010 Jun;130(6):1590-7.
27. García Ortiz P, Hansen SH, Shah VP, Sonne J, Benfeldt E. Are Marketed Topical Metronidazole Creams Bioequivalent? Evaluation by in vivo Microdialysis Sampling and Tape Stripping Methodology. *Skin Pharmacol Physiol*. 2010 Sep 16;24(1):44-53.
28. Garvey LH, Bech B, Mosbech H, Krøigaard M, Belhage B, Husum B, Poulsen LK. Effect of general anesthesia and orthopedic surgery on serum trypsinase. *Anesthesiology*. 2010 May;112(5):1184-9.
29. Giwercman C, Halkjaer LB, Jensen SM, Bønnelykke K, Lauritzen L, Bisgaard H. Increased risk of eczema but reduced risk of early wheezy disorder from exclusive breast-feeding in high-risk infants. *J Allergy Clin Immunol*. 2010 Apr;125(4):866-71.
30. Grandjean P, Poulsen LK, Heilmann C, Steuerwald U, Weihe P. Allergy and sensitization during childhood associated with prenatal and lactational exposure to marine pollutants. *Environ Health Perspect*. 2010 Oct;118(10):1429-33.
31. Hallas, T. E. House-dust mites in our homes are a contamination from outdoor sources *Medical Hypotheses* 2010 May: 74(5): 777-9.
32. Hamann C, Hamann DJ, Hamann QJ, Hamann CP, Boonchai W, Lin-Feng L, Thyssen JP. Assessment of nickel release from earrings randomly purchased in China and Thailand using the dimethylglyoxime test. *Contact Dermatitis*. 2010; 64(4): 232-240.
33. Hansen PR, Ahlehoff O, Gislason GH, Galløe AM, Menné T, Thyssen JP. Absence of metal allergy in patients with very late drug-eluting stent thrombosis: A pilot study. *Int J Cardiol*. 2010;145 (3):629-30

34. Hansen HS, Johansen JD, Thyssen JP, Linneberg A, Søsted H. Personal use of hair dyes and temporary black tattoos in Copenhagen hairdressers. *Ann Occup Hyg.* 2010 Jun;54(4):453-8.
35. Hashizume H, Hansen A, Poulsen LK, Thomsen AR, Takigawa M, Thestrup-Pedersen K. In vitro propagation and dynamics of T cells from skin biopsies by methods using interleukins-2 and -4 or anti-CD3/CD28 antibody-coated microbeads. *Acta Derm Venereol.* 2010 Sep;90(5):468-73.
36. Heisterberg MV, Andersen KE, Avnstorp C, Kristensen B, Kristensen O, Kaaber K, Laurberg G, Menné T, Nielsen NH, Sommerlund M, Thormann J, Veien NK, Vissing S, Johansen JD. Fragrance mix II in the baseline series contributes significantly to detection of fragrance allergy. *Contact Dermatitis.* 2010 Nov;63(5):270-6.
37. Heisterberg MV, Vigan M, Johansen JD. Active sensitization and contact allergy to methyl 2-octynoate. *Contact Dermatitis.* 2010 Feb;62(2):97-101.
38. Hoffman HJ, Hansen KS, Mosbech H, Plaschke P. [Molecular biology's entry to allergy diagnostics]. *Ugeskr Laeger* 2010; 172(12):949.
39. Holmgaard R, Nielsen JB, Benfeldt E. Microdialysis sampling for investigations of bioavailability and bioequivalence of topically administered drugs: current state and future perspectives. *Skin Pharmacol Physiol.* 2010;23(5):225-43.
40. Holst H, Arendt-Nielsen L, Mosbech H, Vesterhauge S, Elberling J. The capsaicin cough reflex in patients with symptoms elicited by odorous chemicals. *Int J Hyg Environ Health.* 2010 Jan;213(1):66-71.
41. Jensen P, Skov L, Zachariae C. Systemic combination treatment for psoriasis: a review. *Acta Derm Venereol.* 2010 Jul;90(4):341-9.
42. Jensen P, Zachariae C, Grønhøj Larsen F. Necrotizing soft tissue infection of the glans penis due to atypical *Candida* species complicated with Fournier's gangrene. *Acta Derm Venereol.* 2010 Jul;90(4):431-2.
43. Johansson SG, Florvaag E, Oman H, Poulsen LK, Mertes PM, Harper NJ, Garvey LH, Gerth van Wijk R, Metso T, Irgens A, Dybendal T, Halsey J, Seneviratne SL, Guttormsen AB. National pholcodine consumption and prevalence of IgE-sensitization: a multicentre study. *Allergy.* 2010 Apr;65(4):498-502.
44. Kindlund K, Thomsen SF, Stensballe LG, Skytthe A, Kyvik KO, Backer V, Bisgaard H. Birth weight and risk of asthma in 3-9-year-old twins: exploring the fetal origins hypothesis. *Thorax.* 2010 Feb;65(2):146-9.
45. Lundov MD, Johansen JD, Carlsen BC, Engkilde K, Menné T, Thyssen JP. Formaldehyde exposure and patterns of concomitant contact allergy to formaldehyde and formaldehyde-releasers. *Contact Dermatitis.* 2010 Jul;63(1):31-6.
46. Lundov MD, Thyssen JP, Zachariae C, Johansen JD. Prevalence and cause of methylisothiazolinone contact allergy. *Contact Dermatitis.* 2010 Sep;63(3):164-7.
47. Madsen JT, Vogel S, Karlberg AT, Simonsson C, Johansen JD, Andersen KE. Ethosome formulations of known contact allergens can increase their sensitizing capacity. *Acta Derm Venereol.* 2010 Jul;90(4):374-8.
48. Madsen JT, Vogel S, Karlberg AT, Simonsson C, Johansen JD, Andersen KE. Ethosome formulation of contact allergens may enhance patch test reactions in patients. *Contact Dermatitis.* 2010 Oct;63(4):209-14.
49. Mosbech H, Poulsen LK, Malling HJ. Sugar bandage is not effective for local reactions to bee stings. *Allergy.* 2010 Nov;65(11):1493-4.
50. Opstrup MS, Mosbech H, Garvey LH. Allergic sensitization to ethylene oxide in patients with suspected allergic reactions during surgery and anesthesia. *J Investig Allergol Clin Immunol* 2010; 20(3):269-70.
51. Pauli G, Malling HJ. The current state of recombinant allergens for immunotherapy. *Curr Opin Allergy Clin Immunol.* 2010 Dec;10(6):575-81.

52. Paulsen E, Strauss GI.  
Contact dermatitis from Welsh poppy [*Meconopsis cambrica* (L.) Vig.].  
Contact Dermatitis. 2010 Mar;62(3):184-6.
53. Pooririsak P, Halkjaer LB, Thomsen SF, Stensballe LG, Kyvik KO, Skytthe A, Schioetz PO, Bisgaard H.  
Causal direction between respiratory syncytial virus bronchiolitis and asthma studied in monozygotic twins.  
Chest. 2010 Aug;138(2):338-44.
54. Radinger M, Jensen BM, Kuehn HS, Kirshenbaum A, Gilfillan AM. Generation, isolation, and maintenance of human mast cells and mast cell lines derived from peripheral blood or cord blood. *Curr Protoc Immunol* 90, 2010; Chapter 7:7.37.1 – 7.37.12.
55. Roursgaard M, Poulsen SS, Poulsen LK, Hammer M, Jensen KA, Utsunomiya S, Ewing RC, Balic-Zunic T, Nielsen GD, Larsen ST.  
Time-response relationship of nano and micro particle induced lung inflammation. Quartz as reference compound.  
*Hum Exp Toxicol*. 2010 Nov;29(11):915-33.
56. Rubin IM, Dabelsteen S, Nielsen MM, White IR, Johansen JD, Geisler C, Bonfeld CM.  
Repeated exposure to hair dye induces regulatory T cells in mice.  
*Br J Dermatol*. 2010 Nov;163(5):992-8.
57. Raaschou-Nielsen O, Hermansen MN, Loland L, Buchvald F, Pipper CB, Sørensen M, Loft S, Bisgaard H.  
Long-term exposure to indoor air pollution and wheezing symptoms in infants.  
*Indoor Air*. 2010 Apr;20(2):159-67.
58. Sancho AI, Hoffmann-Sommergruber K, Alessandri S, Conti A, Giuffrida MG, Shewry P, Jensen BM, Skov P, Vieths S. Authentication of food allergen quality by physicochemical and immunological methods. *Clin Exp Allergy* 2010; 40(7):973-86.
59. Skamstrup Hansen K, Poulsen LK.  
Component resolved testing for allergic sensitization.  
*Curr Allergy Asthma Rep*. 2010 Sep;10(5):340-8.
60. Sleiman PM, Flory J, Imielinski M, Bradfield JP, Annaiah K, Willis-Owen SA, Wang K, Rafaels NM, Michel S, Bonnelykke K, Zhang H, Kim CE, Frackelton EC, Glessner JT, Hou C, Otieno FG, Santa E, Thomas K, Smith RM, Glaberson WR, Garris M, Chiavacci RM, Beaty TH, Ruczinski I, Orange JM, Allen J, Spergel JM, Grundmeier R, Mathias RA, Christie JD, von Mutius E, Cookson WO, Kabesch M, Moffatt MF, Grunstein MM, Barnes KC, Devoto M, Magnusson M, Li H, Grant SF, Bisgaard H, Hakonarson H.  
Variants of DENND1B associated with asthma in children.  
*N Engl J Med*. 2010 Jan 7;362(1):36-44.
61. Smyth AR, Barbato A, Beydon N, Bisgaard H, de Boeck K, Brand P, Bush A, Fauroux B, de Jongste J, Korppi M, O'Callaghan C, Pijnenburg M, Ratjen F, Southern K, Spencer D, Thomson A, Vyas H, Warris A, Merkus PJ.  
Respiratory medicines for children: current evidence, unlicensed use and research priorities.  
*Eur Respir J*. 2010 Feb;35(2):247-65.
62. Skovbjerg S, Zachariae R, Rasmussen A, Johansen JD, Elberling J. Repressive coping and alexithymia in idiopathic environmental intolerance.  
*Environ Health Prev Med*. 2010 Sep;15(5):299-310.
63. Skovbjerg S, Zachariae R, Rasmussen A, Johansen JD, Elberling J.  
Attention to bodily sensations and symptom perception in individuals with idiopathic environmental intolerance.  
*Environ Health Prev Med*. 2010 May;15(3):141-50.
64. Thoren LA, Nørgaard GA, Weischenfeldt J, Waage J, Jakobsen JS, Damgaard I, Bergström FC, Blom AM, Borup R, Bisgaard HC, Porse BT.  
UPF2 is a critical regulator of liver development, function and regeneration.  
*PLoS One*. 2010 Jul 19;5(7):e11650.
65. Thyssen JP, Carlsen BC, Johansen JD, Meldgaard M, Szecsi PB, Stender S, Menné T.  
Filaggrin null-mutations may be associated with a distinct subtype of atopic hand eczema.  
*Acta Derm Venereol*. 2010 Sep;90(5):528.
66. Thyssen JP. Childrens toys as a source of nickel allergy should be explored. *Dermatitis* 2010;21(3):182.
67. Thyssen JP, Menné T, Johansen JD.  
Identification of metallic items that caused nickel dermatitis in Danish patients.  
*Contact Dermatitis*. 2010 Sep;63(3):151-6.

68. Thyssen JP, Ross-Hansen K, Menné T, Johansen JD. Patch test reactivity to metal allergens following regulatory interventions: a 33-year retrospective study. *Contact Dermatitis*. 2010 Aug;63(2):102-6.
69. Thyssen JP, Jellesen MS, Menné T, Lidén C, Julander A, Møller P, Johansen JD. Cobalt release from inexpensive jewellery: has the use of cobalt replaced nickel following regulatory intervention? *Contact Dermatitis*. 2010 Aug;63(2):70-6.
70. Thyssen JP, Menné T, Johansen JD, Lidén C, Julander A, Møller P, Jellesen MS. A spot test for detection of cobalt release - early experience and findings. *Contact Dermatitis*. 2010 Aug;63(2):63-9.
71. Thyssen JP, Carlsen BC, Johansen JD, Meldgaard M, Szecsi PB, Stender S, Menné T. Filaggrin haploinsufficiency among patients with dermatitis from a tertiary referral centre: early findings and possible phenotype. *Contact Dermatitis*. 2010 Mar;62(3):182-3.
72. Thyssen JP, Skare L, Lundgren L, Menné T, Johansen JD, Maibach HI, Lidén C. Sensitivity and specificity of the nickel spot (dimethylglyoxime) test. *Contact Dermatitis*. 2010 May;62(5):279-88.
73. Thyssen JP, Carlsen BC, Menné T, Linneberg A, Nielsen NH, Meldgaard M, Szecsi PB, Stender S, Johansen JD. Filaggrin null mutations increase the risk and persistence of hand eczema in subjects with atopic dermatitis: results from a general population study. *Br J Dermatol*. 2010 Jul;163(1):115-20.
74. Thyssen JP, Johansen JD, Menné T, Lidén C, Bruze M, White IR. Hypersensitivity reactions from metallic implants: a future challenge that needs to be addressed. *Br J Dermatol*. 2010 Feb;162(2):235-6.
75. Thyssen JP, Johansen JD, Linneberg A, Menné T, Nielsen NH, Meldgaard M, Szecsi PB, Stender S, Carlsen BC. The association between null-mutations in the Filaggrin gene and contact sensitization to nickel and other chemicals in the general population. *British Journal of Dermatology* 2010;162:1278-1285.
76. Thyssen JP, Engkilde K, Lundov MD, Carlsen BC, Menné T, Johansen JD. Temporal trends of preservative allergy in Denmark (1985-2008). *Contact Dermatitis*. 2010 Feb;62(2):102-8.
77. Thyssen JP, Johansen JD, Linneberg A, Menné T. The epidemiology of hand eczema in the general population--prevalence and main findings. *Contact Dermatitis*. 2010 Feb;62(2):75-87. Review.
78. Thyssen JP, Johansen JD, Menné T, Nielsen NH, Linneberg A. Effect of tobacco smoking and alcohol consumption on the prevalence of nickel sensitization and contact sensitization. *Acta Derm Venereol*. 2010;90(1):27-33.
79. Thyssen JP, Linneberg A, Menné T, Nielsen NH, Johansen JD. The effect of tobacco smoking and alcohol consumption on the prevalence of self-reported hand eczema: a cross-sectional population-based study. *Br J Dermatol*. 2010 Mar;162(3):619-26.
80. Thyssen JP, Linneberg A, Menné T, Nielsen NH, Johansen JD. No association between nickel allergy and reporting cosmetic dermatitis from mascara or eye shadow: a cross-sectional general population study. *J Eur Acad Dermatol Venereol*. 2010 Jun;24(6):722-5.
81. Thyssen JP, Menné T. Metal allergy--a review on exposures, penetration, genetics, prevalence, and clinical implications. *Chem Res Toxicol*. 2010 Feb 15;23(2):309-18.
82. Vahlquist A, Bygum A, Gånemo A, Virtanen M, Hellström-Pigg M, Strauss G, Brandrup F, Fischer J. Genotypic and clinical spectrum of self-improving collodion ichthyosis: ALOX12B, ALOXE3, and TGM1 mutations in Scandinavian patients. *J Invest Dermatol*. 2010 Feb;130(2):438-43.
83. Wahn U, Malling HJ, Kleine-Tebbe J. Sublingual immunotherapy in children--ready for prime time? *Pediatr Allergy Immunol*. 2010 Jun;21(4 Pt 1):559-63.
84. Zibert JR, Løvendorf MB, Litman T, Olsen J, Kaczkowski B, Skov L. MicroRNAs and potential target interactions in psoriasis. *J Dermatol Sci*. 2010 Jun;58(3):177-85.

85. Zibert JR, Skov L, Thyssen JP, Jacobsen GK, Grigorian M.

Significance of the S100A4 protein in psoriasis.

J Invest Dermatol. 2010 Jan;130(1):150-60.

## Bøger

Plaschke P, Hansen KS, Bindslev-Jensen, C

Fødevareoverfølsomhed, i Menneskets ernæring, (Red.) Astrup A,

Bügel S, Dyerberg J, Stender S.

3. Udgave, sider: 624. Munksgaard 2010.

# Kardiologisk afdeling P

Udgangspunktet for forskningen er de sygdomsområder og behandlinger som Kardiologisk Afdeling P har ansvaret for som del af Region Hovedstaden. Det er blandt andet invasiv behandling af iskæmisk hjertesygdom, pacemaker og ICD operationer, ablationsbehandling af arytmier, endokarditisbehandling samt diagnostik af hjertesygdom med ekkokardiografi og andre billeddiagnostiske metoder.

Forskningen er dels klinisk forskning med deltagelse af afdelingens patienter – og dels også forskning som drives uden direkte forbindelse til den daglige kliniske dagligdag. Især er afdelingen involveret i "registerforskning" ved både med anvendelse af særlige sygdomsregistre som f.eks. Dansk Hjerteregister og dels offentlige registre som f.eks. Landspatientsregistret og Lægemiddelstatistikregistret. Denne forskning er bedst, når den er knyttet til dagligt klinisk arbejde – for det er netop gennem mødet med virkeligheden, at forskerne bliver inspireret til at se hvilke problemstillinger, der foreligger og samtidig hvornår registerforskning kan bruges til at give svar på disse spørgsmål.

## Forskningstemaer

- Diagnostik og behandling af iskæmisk hjertesygdom
- Randomiserede kliniske undersøgelser
- Inflammation og kardiovaskulær sygdom
- Elektrofysiologisk forskning
- Kardial billeddiagnostik
- Sportskardiologi og præventiv kardiologi
- Infektøs endocarditis
- Epidemiologi og registerforskning
- Hjertesygdommens udvikling fra normal, over organ skade til sygdom
- Forskning i kardiologisk sygepleje

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Atrial fibrillation in the Danish population –  
A pharmacoepidemiological study.

Emil Loldrup Fosbøl

The cardiovascular safety of non-steroidal anti-inflammatory drugs (NSAIDs) among healthy people – A nationwide population study.

Thue Olsen

Advanced echocardiography for the detection of left ventricular dysfunction in chronic aortic regurgitation.

Uffe Gang

High-degree atrioventricular block complicating acute myocardial infarction.

Fredrik Folke

Out-of-hospital cardiac arrest and placement of automated external defibrillators in the community.

Sune Pedersen

ST-segment Elevation Myocardial Infarction Treated with Routine Primary Percutaneous Coronary Intervention in Eastern Denmark - From Clinical Trial to Real-Life Experience. Logistics, treatment strategies, and long-term clinical outcome

Christian Jøns

New-onset atrial fibrillation after acute myocardial infarction in patients with left ventricular systolic dysfunction recorded by an implantable cardiac monitor.

Anh Ngo

The role of tissue oxygen tension in the control of local blood flow in the microcirculation of skeletal muscles.

## Publikationer 2010

1. Abildstrom SZ, Hvelplund A, Rasmussen S, Nielsen PH, Mortensen PE, Kruse M. Prognostic information in administrative co-morbidity data following coronary artery bypass grafting. Eur J Cardiothorac Surg 2010;38:573-6.
2. Ahlehoff O, Galloe AM, Hansen PR. Anthracycline-induced cardiomyopathy: favourable effects of cardiac resynchronization therapy. Int J Cardiol 2010;142:e23-4.

3. Ahlehoff O, Gislason GH, Charlott M, Jorgensen CH, Lindhardtsen J, Olesen JB, Abildstrom SZ, Skov L, Torp-Pedersen C, Hansen PR. Psoriasis is associated with clinically significant cardiovascular risk: a Danish nationwide cohort study. *J Intern Med* 2010.
4. Ahlehoff O, Gislason GH, Skov L, Hansen PR. [Psoriasis and atherothrombotic disease]. *Ugeskr Laeger* 2010;172:1983-6.
5. Andersen LJ, Hansen PR, Sogaard P, Madsen JK, Bech J, Krstrup P. Improvement of systolic and diastolic heart function after physical training in sedentary women. *Scand J Med Sci Sports* 2010;20 Suppl 1:50-7.
6. Andersen LJ, Randers MB, Westh K, Martone D, Hansen PR, Junge A, Dvorak J, Bangsbo J, Krstrup P. Football as a treatment for hypertension in untrained 30-55-year-old men: a prospective randomized study. *Scand J Med Sci Sports* 2010;20(Suppl. 1):98-102.
7. Andersen LJ, Rasmusen H, Madsen JK, Hansen PR. [Heart screening of elite athletes]. *Ugeskr Laeger* 2010;172:3339-42.
8. Andersen SS, Hansen ML, Norgaard ML, Folke F, Fosbol EL, Abildstrom SZ, Raunso J, Madsen M, Kober L, Gislason GH, Torp-Pedersen C. Clarithromycin use and risk of death in patients with ischemic heart disease. *Cardiology* 2010;116:89-97.
9. Andersson C, Gislason GH, Weeke P, Hoffmann S, Hansen PR, Torp-Pedersen C, Sogaard P. Diabetes is associated with impaired myocardial performance in patients without significant coronary artery disease. *Cardiovasc Diabetol* 2010;9:3.
10. Andersson C, Norgaard ML, Hansen PR, Fosbol EL, Schmiegelow M, Weeke P, Olesen JB, Raunso J, Jorgensen CH, Vaag A, Kober L, Torp-Pedersen C, Gislason GH. Heart failure severity, as determined by loop diuretic dosages, predicts the risk of developing diabetes after myocardial infarction: a nationwide cohort study. *Eur J Heart Fail* 2010;12:1333-8.
11. Andersson C, Olesen JB, Hansen PR, Weeke P, Norgaard ML, Jorgensen CH, Lange T, Abildstrom SZ, Schramm TK, Vaag A, Kober L, Torp-Pedersen C, Gislason GH. Metformin treatment is associated with a low risk of mortality in diabetic patients with heart failure: a retrospective nationwide cohort study. *Diabetologia* 2010;53:2546-53.
12. Andersson C, Sogaard P, Hoffmann S, Hansen PR, Vaag A, Major-Pedersen A, Hansen TF, Bech J, Kober L, Torp-Pedersen C, Gislason GH. Metformin is associated with improved left ventricular diastolic function measured by tissue Doppler imaging in patients with diabetes. *Eur J Endocrinol* 2010;163:593-9.
13. Andersson C, Weeke P, Pecini R, Kjaergaard J, Hassager C, Kober L, Torp-Pedersen C. Long-term impact of diabetes in patients hospitalized with ischemic and non-ischemic heart failure. *Scand Cardiovasc J* 2010;44:37-44.
14. Asferg C, Mogelvang R, Flyvbjerg A, Frystyk J, Jensen JS, Marott JL, Appleyard M, Jensen GB, Jeppesen J. Leptin, not adiponectin, predicts hypertension in the Copenhagen City Heart Study. *Am J Hypertens* 2010;23:327-33.
15. Bahlmann E, Cramariuc D, Gerds E, Gohlke-Baerwolf C, Nienaber CA, Eriksen E, Wachtell K, Chambers J, Kuck KH, Ray S. Impact of pressure recovery on echocardiographic assessment of asymptomatic aortic stenosis: a SEAS substudy. *JACC Cardiovasc Imaging* 2010;3:555-62.
16. Bloch Thomsen PE, Johannessen A, Jons C, Hansen TF, Kanters JK, Haarbo J, Hansen J, Christiansen LK, Sogaard P, Saermark K, Antzelevitch C. The role of local voltage potentials in outflow tract ectopy. *Europace* 2010;12:850-60.
17. Bloch Thomsen PE, Jons C, Raatikainen MJ, Moerch Joergensen R, Hartikainen J, Virtanen V, Boland J, Anttonen O, Gang UJ, Hoest N, Boersma LV, Platou ES, Becker D, Messier MD, Huikuri HV. Long-term recording of cardiac arrhythmias with an implantable cardiac monitor in patients with reduced ejection fraction after acute myocardial infarction: the Cardiac Arrhythmias and Risk Stratification After Acute Myocardial Infarction (CARISMA) study. *Circulation* 2010;122:1258-64.
18. Bonde L, Sorensen R, Fosbol EL, Abildstrom SZ, Hansen PR, Kober L, Schramm TK, Bretler DM, Weeke P, Olesen J, Torp-Pedersen C, Gislason GH. Increased mortality associated with low use of clopidogrel in patients with heart failure and acute myocardial infarction not undergoing percutaneous coronary intervention: a nationwide study. *J Am Coll Cardiol* 2010;55:1300-7.
19. Bretler DM, Hansen PR, Abildstrom SZ, Jorgensen CH, Sorensen R, Hansen ML, Schramm TK, Lokkegaard E, Torp-Pedersen C, Gislason GH. Use and discontinuation of hormone replacement therapy in women with myocardial infarction: a nationwide study. *Br J Clin Pharmacol* 2011;71:105-15.
20. Bruun LE, Tonder N, Hansen TF, Bruun NE. Oral antibiotic treatment of left-sided infectious endocarditis verified by 16S-PCR: A case report. *Scand J Infect Dis* 2010.
21. Buchholtz K, Larsen CT, Hassager C, Bruun NE. Infective endocarditis: long-term reversibility of kidney function impairment. A 1-y post-discharge follow-up study. *Scand J Infect Dis* 2010;42:484-90.

22. Bune LT, Thaning P, Johansson PI, Bochsén L, Rosenmeier JB. Effects of nucleotides and nucleosides on coagulation. *Blood Coagul Fibrinolysis* 2010;21:436-41.
23. Caterson I, Coutinho W, Finer N, Van Gaal L, Maggioni A, Torp-Pedersen C, Sharma AM, Ge H, Santoro D, Shepherd G, James P. Early response to sibutramine in patients not meeting current label criteria: preliminary analysis of SCOUT lead-in period. *Obesity (Silver Spring)* 2010;18:987-94.
24. Charlot M, Ahlehoff O, Norgaard ML, Jorgensen CH, Sorensen R, Abildstrom SZ, Hansen PR, Madsen JK, Kober L, Torp-Pedersen C, Gislason G. Proton-pump inhibitors are associated with increased cardiovascular risk independent of clopidogrel use: a nationwide cohort study. *Ann Intern Med* 2010;153:378-86.
25. Charlot M, Torp-Pedersen C, Valeur N, Seibaek M, Weeke P, Kober L. Anaemia and long term mortality in heart failure patients: a retrospective study. *Open Cardiovasc Med J* 2010;4:173-7.
26. Chen M, Kemp M, Bruun NE, Bangsborg JM, Hojlyng N, Hesselbjerg A, Dargis R, Christensen JJ. *Cardiobacterium valvarum*: A case of infective endocarditis and phenotypic/molecular characterization of eleven *Cardiobacterium* species strains. *J Med Microbiol* 2010.
27. Christiansen B, Bellostas Mugerza N, Petersen AM, Kveiborg B, Madsen CR, Thomas H, Ihlemann N, Sorensen JC, Kober L, Sorensen H, Torp-Pedersen C, Dominguez H. Ingestion of broccoli sprouts does not improve endothelial function in humans with hypertension. *PLoS One* 2010;5:e12461.
28. Christiansen CB, Torp-Pedersen C, Kober L. Impact of dronedarone in atrial fibrillation and flutter on stroke reduction. *Clin Interv Aging* 2010;5:63-9.
29. Christiansen CB, Torp-Pedersen C, Kober L. Efficacy and safety of dronedarone: a review of randomized trials. *Expert Opin Drug Saf* 2010;9:189-99.
30. Damgaard S, Lund JT, Lilleor NB, Perko MJ, Madsen JK, Steinbruchel DA. Comparably improved health-related quality of life after total arterial revascularization versus conventional coronary surgery-Copenhagen arterial revascularization randomized patency and outcome trial. *Eur J Cardiothorac Surg* 2010.
31. Dominguez H, Schramm TK, Gislason GH, Norgaard ML, Raunsø J, Abildstrøm SZ, Køber L, Poulsen HE, Torp-Pedersen CT. National background is associated with disparities in initiation and persistence to statin treatment in patients with diabetes in Denmark. *Frontiers in Pharmacology* 2010;1:12.
32. Egstrup M, Schou M, Gustafsson I, Kistorp CN, Hildebrandt PR, Tuxen CD. Oral glucose tolerance testing in an outpatient heart failure clinic reveals a high proportion of undiagnosed diabetic patients with an adverse prognosis. *Eur J Heart Fail* 2010.
33. Elvekjaer M, Engstrom T, Jensen JS, Treiman M. [Glucagon-like peptide-1: a cardiological perspective]. *Ugeskr Laeger* 2010;172:2822-6.
34. Fan HQ, Li Y, Thijs L, Hansen TW, Boggia J, Kikuya M, Bjorklund-Bodegard K, Richart T, Ohkubo T, Jeppesen J, Torp-Pedersen C, Dolan E, Kuznetsova T, Stolarz-Skrzypek K, Tikhonoff V, Malyutina S, Casiglia E, Nikitin Y, Lind L, Sandoya E, Kawecka-Jaszcz K, Imai Y, Ibsen H, O'Brien E, Wang J, Staessen JA. Prognostic value of isolated nocturnal hypertension on ambulatory measurement in 8711 individuals from 10 populations. *J Hypertens* 2010;28:2036-45.
35. Folke F, Gislason GH, Lippert FK, Nielsen SL, Weeke P, Hansen ML, Fosbol EL, Andersen SS, Rasmussen S, Schramm TK, Kober L, Torp-Pedersen C. Differences between out-of-hospital cardiac arrest in residential and public locations and implications for public-access defibrillation. *Circulation* 2010;122:623-30.
36. Fosbol EL, Folke F, Jacobsen S, Rasmussen JN, Sorensen R, Schramm TK, Andersen SS, Rasmussen S, Poulsen HE, Kober L, Torp-Pedersen C, Gislason GH. Cause-specific cardiovascular risk associated with nonsteroidal antiinflammatory drugs among healthy individuals. *Circ Cardiovasc Qual Outcomes* 2010;3:395-405.
37. Fosbol EL, Kober L, Torp-Pedersen C, Gislason GH. Cardiovascular safety of non-steroidal anti-inflammatory drugs among healthy individuals. *Expert Opin Drug Saf* 2010;9:893-903.
38. Fosbol EL, Seibaek M, Brendorp B, Moller DV, Thune JJ, Gislason GH, Torp-Pedersen C, Kober L. Long-term prognostic importance of resting heart rate in patients with left ventricular dysfunction in connection with either heart failure or myocardial infarction: the DIAMOND study. *Int J Cardiol* 2010;140:279-86.
39. Fosgerau K, Ristagno G, Jayatissa M, Axelsen M, Gotfredsen JW, Weber UJ, Kober L, Torp-Pedersen C, Videbaek C. Increased susceptibility to cardiovascular effects of dihydrocapsaicin in resuscitated rats. Cardiovascular effects of dihydrocapsaicin. *BMC Cardiovasc Disord* 2010;10:39.
40. Fosgerau K, Weber UJ, Gotfredsen JW, Jayatissa M, Buus C, Kristensen NB, Vestergaard M, Teschendorf P, Schneider A, Hansen P, Raunsø J, Kober L, Torp-Pedersen C, Videbaek C. Drug-induced mild therapeutic hypothermia obtained by administration of a transient receptor potential vanilloid type 1 agonist. *BMC Cardiovasc Disord* 2010;10:51.

41. Gang UJ, Jons C, Jorgensen RM, Abildstrom SZ, Haarbo J, Messier MD, Huikuri HV, Thomsen PE. Heart rhythm at the time of death documented by an implantable loop recorder. *Europace* 2010;12:254-60.
42. Gerds E, Rossebo AB, Pedersen TR, Boman K, Brudi P, Chambers JB, Egstrup K, Gohlke-Barwolf C, Holme I, Kesaniemi YA, Malbecq W, Nienaber C, Ray S, Skjaerpe T, Wachtell K, Willenheimer R. Impact of baseline severity of aortic valve stenosis on effect of intensive lipid lowering therapy (from the SEAS study). *Am J Cardiol* 2010;106:1634-9.
43. Graff C, Struijk JJ, Matz J, Kanters JK, Andersen MP, Nielsen J, Toft E. Covariate analysis of QTc and T-wave morphology: new possibilities in the evaluation of drugs that affect cardiac repolarization. *Clin Pharmacol Ther* 2010;88:88-94.
44. Grove EL, Würtz M, Gislason GH, Kristensen SD, Hvas A-M. Aspirin and coronary artery disease. *Heart* 2010;96:1684.
45. Haarmark C, Graff C, Andersen MP, Hardahl T, Struijk JJ, Toft E, Xue J, Rowlandson GI, Hansen PR, Kanters JK. Reference values of electrocardiogram repolarization variables in a healthy population. *J Electrocardiol* 2010;43:31-9.
46. Hansen ML, Sorensen R, Clausen MT, Fog-Petersen ML, Raunso J, Gadsboll N, Gislason GH, Folke F, Andersen SS, Schramm TK, Abildstrom SZ, Poulsen HE, Kober L, Torp-Pedersen C. Risk of bleeding with single, dual, or triple therapy with warfarin, aspirin, and clopidogrel in patients with atrial fibrillation. *Arch Intern Med* 2010;170:1433-41.
47. Hansen PR, Ahlehoff O, Gislason GH, Galloe AM, Menne T, Thyssen JP. Absence of metal allergy in patients with very late drug-eluting stent thrombosis: a pilot study. *Int J Cardiol* 2010;145:629-30.
48. Hansen PR, Iversen A, Abdulla J. Improved clinical outcomes with intracoronary compared to intravenous abciximab in patients with acute coronary syndromes undergoing percutaneous coronary intervention: a systematic review and meta-analysis. *J Invasive Cardiol* 2010;22:278-82.
49. Hansen PR, Thibault H, Abdulla J. Postconditioning during primary percutaneous coronary intervention: a review and meta-analysis. *Int J Cardiol* 2010;144:22-5.
50. Hansen TW, Thijs L, Li Y, Boggia J, Kikuya M, Bjorklund-Bodegard K, Richart T, Ohkubo T, Jeppesen J, Torp-Pedersen C, Dolan E, Kuznetsova T, Stolarz-Skrzypek K, Tikhonoff V, Malyutina S, Casiglia E, Nikitin Y, Lind L, Sandoya E, Kawecka-Jaszcz K, Imai Y, Wang J, Ibsen H, O'Brien E, Staessen JA. Prognostic value of reading-to-reading blood pressure variability over 24 hours in 8938 subjects from 11 populations. *Hypertension* 2010;55:1049-57.
51. Haugan K, Rost D, Knudsen N, Breum L. [Abdominal obesity and associated comorbidities among primary care patients]. *Ugeskr Laeger* 2010;172:1586-91.
52. Hering M, Hansen PR, Bygbjerg B, Lindhardt T. Women's experiences and behaviour at onset of symptoms of ST segment elevation acute myocardial infarction. *Eur J Cardiovasc Nurs* 2010;[Epub ahead of print].
53. Hoffmann S, Mogelvang R, Olsen NT, Sogaard P, Fritz-Hansen T, Bech J, Galatius S, Madsen JK, Jensen JS. Tissue Doppler echocardiography reveals distinct patterns of impaired myocardial velocities in different degrees of coronary artery disease. *Eur J Echocardiogr* 2010;11:544-9.
54. Hohnloser SH, Crijns HJ, van Eickels M, Gaudin C, Page RL, Torp-Pedersen C, Connolly SJ. Dronedarone in patients with congestive heart failure: insights from ATHENA. *Eur Heart J* 2010;31:1717-21.
55. Holme I, Boman K, Brudi P, Egstrup K, Gohlke-Baerwolf C, Kesaniemi YA, Malbecq W, Rossebo AB, Wachtell K, Willenheimer R, Pedersen TR. Observed and predicted reduction of ischemic cardiovascular events in the Simvastatin and Ezetimibe in Aortic Stenosis trial. *Am J Cardiol* 2010;105:1802-8.
56. Huikuri HV, Exner DV, Kavanagh KM, Aggarwal SG, Mitchell LB, Messier MD, Becker D, Sheldon RS, Bloch Thomsen PE. Attenuated recovery of heart rate turbulence early after myocardial infarction identifies patients at high risk for fatal or near-fatal arrhythmic events. *Heart Rhythm* 2010;7:229-35.
57. Hvelplund A, Galatius S, Madsen M, Rasmussen JN, Rasmussen S, Madsen JK, Sand NP, Tilsted HH, Thyssen P, Sindby E, Hojbjerg S, Abildstrom SZ. Women with acute coronary syndrome are less invasively examined and subsequently less treated than men. *Eur Heart J* 2010;31:684-90.
58. Hvelplund A, Galatius S, Madsen M, Rasmussen JN, Sorensen R, Fosbol EL, Madsen JK, Rasmussen S, Jorgensen E, Thuesen L, Moller CH, Abildstrom SZ. Influence of distance from home to invasive centre on invasive treatment after acute coronary syndrome: a nationwide study of 24 910 patients. *Heart* 2010.

59. Ibsen H, Skøtt P. Kost og blodtryk. In: Astrup A, Bügel S, Dyerberg J, Stender S, eds. *Menneskets ernæring 3. udgave ed*. Copenhagen: Munksgaard 2010;417-24.
60. Iversen A, Abildgaard U, Galloe A, Hansen PR, Galatius S, Madsen JK, Engstroem T, Pedersen S, Jensen KS, Jensen JS. Intracoronary Compared to Intravenous Bolus Abciximab during Primary Percutaneous Coronary Intervention in ST-segment Elevation Myocardial Infarction (STEMI) Patients Reduces 30-day Mortality and Target Vessel Revascularization: A Randomized Trial. *J Interv Cardiol* 2010.
61. Iversen A, Pedersen S, Jons C, Mogelvang R, Galatius S, Galloe A, Abildgaard U, Hansen PR, Madsen JK, Jensen JS. Impact of abciximab in diabetic patients with acute coronary syndrome who undergo percutaneous coronary intervention: Results from a high-volume, single-center registry. . *J Invasive Cardiol* 2010;[Epub ahead of print].
62. Iversen A, Schnohr P, Jensen JS. Hypercholesterolemia and the ageing subject: Reply. *Eur J Intern Med* 2010;21:e20.
63. Iversen KK, Kjaergaard J, Akkan D, Kober L, Torp-Pedersen C, Hassager C, Vestbo J, Kjoller E. The prognostic importance of lung function in patients admitted with heart failure. *Eur J Heart Fail* 2010;12:685-91.
64. James WP, Caterson ID, Coutinho W, Finer N, Van Gaal LF, Maggioni AP, Torp-Pedersen C, Sharma AM, Shepherd GM, Rode RA, Renz CL. Effect of sibutramine on cardiovascular outcomes in overweight and obese subjects. *N Engl J Med* 2010;363:905-17.
65. Jensen LJ, Pedersen S, Bjerre M, Mogelvang R, Jensen JS, Flyvbjerg A. Plasma calprotectin predicts mortality in patients with ST segment elevation myocardial infarction treated with primary percutaneous coronary intervention. *J Interv Cardiol* 2010;23:123-9.
66. Jensen MT, Marott JL, Jensen GB. Elevated resting heart rate is associated with greater risk of cardiovascular and all-cause mortality in current and former smokers. *Int J Cardiol* 2010.
67. Jeppesen J, Hansen TW, Torp-Pedersen C, Madsbad S, Ibsen H, Jorgensen T, Fenger M. Relationship between common lipoprotein lipase gene sequence variants, hyperinsulinemia, and risk of ischemic heart disease: A population-based study. *Atherosclerosis* 2010;211:506-11.
68. Jons C, Joergensen RM, Hassager C, Gang UJ, Dixen U, Johannesen A, Olsen NT, Hansen TF, Messier M, Huikuri HV, Thomsen PE. Diastolic dysfunction predicts new-onset atrial fibrillation and cardiovascular events in patients with acute myocardial infarction and depressed left ventricular systolic function: a CARISMA substudy. *Eur J Echocardiogr* 2010;11:602-7.
69. Jons C, Raatikainen P, Gang UJ, Huikuri HV, Joergensen RM, Johannesen A, Dixen U, Messier M, McNitt S, Thomsen PE. Autonomic dysfunction and new-onset atrial fibrillation in patients with left ventricular systolic dysfunction after acute myocardial infarction: a CARISMA substudy. *J Cardiovasc Electrophysiol* 2010;21:983-90.
70. Jorgensen CH, Gislason GH, Andersson C, Ahlehoff O, Charlot M, Schramm TK, Vaag A, Abildstrom SZ, Torp-Pedersen C, Hansen PR. Effects of oral glucose-lowering drugs on long term outcomes in patients with diabetes mellitus following myocardial infarction not treated with emergent percutaneous coronary intervention--a retrospective nationwide cohort study. *Cardiovasc Diabetol* 2010;9:54.
71. Jorgensen CH, Gislason GH, Bretler D, Sorensen R, Norgaard ML, Hansen ML, Schramm TK, Abildstrom SZ, Torp-Pedersen C, Hansen PR. Glyburide increases risk in patients with diabetes mellitus after emergent percutaneous intervention for myocardial infarction - A nationwide study. *Int J Cardiol* 2010.
72. Kaiser C, Galatius S, Erne P, Eberli F, Alber H, Rickli H, Pedrazzini G, Hornig B, Bertel O, Bonetti P, De Servi S, Brunner-La Rocca HP, Ricard I, Pfisterer M. Drug-eluting versus bare-metal stents in large coronary arteries. *N Engl J Med* 2010;363:2310-9.
73. Kober L, Moller JE, Torp-Pedersen C. Moderate pericardial effusion early after myocardial infarction: left ventricular free wall rupture until proven otherwise. *Circulation* 2010;122:1898-9.
74. Kofoed KF, Madsen JK, Grande P, Saunamaki K, Nielsen TT, Kassis E, Thayssen P, Rasmussen K. Long-term effects of invasive treatment in patients with a post-thrombolytic Q-wave myocardial infarction. *Scand Cardiovasc J* 2010;44:146-52.

75. Kowey PR, Breithardt G, Camm J, Crijns H, Dorian P, Le Heuzey JY, Pedrazzini L, Prystowsky EN, Salette G, Schwartz PJ, Torp-Pedersen C, Weintraub W. Physician stated atrial fibrillation management in light of treatment guidelines: data from an international, observational prospective survey. *Clin Cardiol* 2010;33:172-8.
76. Krstrup P, Hansen PR, Andersen LJ, Jakobsen MD, Sundstrup E, Randers MB, Christiansen L, Helge EW, Pedersen MT, Søgaard P, Junge A, Dvorak J, Aagaard P, Bangsbo J. Long-term musculoskeletal and cardiac health effects of recreational football and running for premenopausal women. *Scand J Med Sci Sports* 2010;20(Suppl. 1):58-71.
77. Krstrup P, Hansen PR, Randers MB, Nybo L, Martone D, Andersen LJ, Bune LT, Junge A, Bangsbo J. Beneficial effects of recreational football on the cardiovascular risk profile in untrained premenopausal women. *Scand J Med Sci Sports* 2010;20(Suppl. 1):40-9.
78. Kumler T, Gislason GH, Kober L, Torp-Pedersen C. Diabetes is an independent predictor of survival 17 years after myocardial infarction: follow-up of the TRACE registry. *Cardiovasc Diabetol* 2010;9:22.
79. Kumler T, Gislason GH, Kober L, Torp-Pedersen C. Persistence of the prognostic importance of left ventricular systolic function and heart failure after myocardial infarction: 17-year follow-up of the TRACE register. *Eur J Heart Fail* 2010;12:805-11.
80. Kveiborg B, Hermann TS, Major-Pedersen A, Christiansen B, Rask-Madsen C, Raunso J, Kober L, Torp-Pedersen C, Dominguez H. Metoprolol compared to carvedilol deteriorates insulin-stimulated endothelial function in patients with type 2 diabetes - a randomized study. *Cardiovasc Diabetol* 2010;9:21.
81. Lange P, Mogelvang R, Marott JL, Vestbo J, Jensen JS. Cardiovascular morbidity in COPD: A study of the general population. *COPD* 2010;7:5-10.
82. Larstorp AC, Okin PM, Devereux RB, Olsen MH, Ibsen H, Dahlof B, Kjeldsen SE, Wachtell K. Changes in electrocardiographic left ventricular hypertrophy and risk of major cardiovascular events in isolated systolic hypertension: The LIFE study. *J Hum Hypertens* 2010.
83. Lauridsen TK, Arpi M, Bruun NE. [Linezolid therapy for infectious endocarditis]. *Ugeskr Laeger* 2010;172:1215-6.
84. Le Heuzey JY, Breithardt G, Camm J, Crijns H, Dorian P, Kowey PR, Merioua I, Prystowsky EN, Schwartz PJ, Torp-Pedersen C, Weintraub W. The RecordAF study: design, baseline data, and profile of patients according to chosen treatment strategy for atrial fibrillation. *Am J Cardiol* 2010;105:687-93.
85. Li Y, Thijs L, Hansen TW, Kikuya M, Boggia J, Richart T, Metoki H, Ohkubo T, Torp-Pedersen C, Kuznetsova T, Stolarz-Skrzypek K, Tikhonoff V, Malyutina S, Casiglia E, Nikitin Y, Sandoya E, Kawecka-Jaszcz K, Ibsen H, Imai Y, Wang J, Staessen JA. Prognostic value of the morning blood pressure surge in 5645 subjects from 8 populations. *Hypertension* 2010;55:1040-8.
86. Lindhardsen J, Gislason GH, Madsen OR, Hansen PR. Cardiovascular disease in rheumatoid arthritis: An update. *Ugeskrift for Laeger* 2010;2010 May 18 [Epub ahead of print].
87. Lonborg J, Holmvang L, Kelbaek H, Vejstrup N, Jorgensen E, Helqvist S, Saunamaki K, Clemmensen P, Treiman M, Jensen JS, Engstrom T. ST-Segment resolution and clinical outcome with ischemic postconditioning and comparison to magnetic resonance. *Am Heart J* 2010;160:1085-91.
88. Lonborg J, Kelbaek H, Vejstrup N, Jorgensen E, Helqvist S, Saunamaki K, Clemmensen P, Holmvang L, Treiman M, Jensen JS, Engstrom T. Cardioprotective effects of ischemic postconditioning in patients treated with primary percutaneous coronary intervention, evaluated by magnetic resonance. *Circ Cardiovasc Interv* 2010;3:34-41.
89. Moller CH, Perko MJ, Lund JT, Andersen LW, Kelbaek H, Madsen JK, Gluud C, Steinbruchel DA. Graft patency after off-pump versus on-pump coronary artery surgery in high-risk patients. *Scand Cardiovasc J* 2010;44:161-7.
90. Moller CH, Perko MJ, Lund JT, Andersen LW, Kelbaek H, Madsen JK, Winkel P, Gluud C, Steinbruchel DA. No major differences in 30-day outcomes in high-risk patients randomized to off-pump versus on-pump coronary bypass surgery: the best bypass surgery trial. *Circulation* 2010;121:498-504.
91. Moller DV, Pecini R, Gustafsson F, Hassager C, Hedley P, Jespersgaard C, Torp-Pedersen C, Christiansen M, Kober LV. Hereditary hemochromatosis (HFE) genotypes in heart failure: relation to etiology and prognosis. *BMC Med Genet* 2010;11:117.

92. Ngo AT, Jensen LJ, Riemann M, Holstein-Rathlou NH, Torp-Pedersen C. Oxygen sensing and conducted vasomotor responses in mouse cremaster arterioles in situ. *Pflugers Arch* 2010;460:41-53.
93. Nielsen J, Andersen MP, Graff C, Kanters JK, Hardahl T, Dybbro J, Struijk JJ, Meyer JM, Toft E. The effect of sertindole on QTD and TPTE. *Acta Psychiatr Scand* 2010;121:385-8.
94. Nielsen SE, Schjoedt KJ, Astrup AS, Tarnow L, Lajer M, Hansen PR, Parving HH, Rossing P. Neutrophil Gelatinase-Associated Lipocalin (NGAL) and Kidney Injury Molecule 1 (KIM1) in patients with diabetic nephropathy: a cross-sectional study and the effects of lisinopril. *Diabet Med* 2010;27:1144-50.
95. Nielsen SJ, Jeppesen J, Torp-Pedersen C, Hansen TW, Linneberg A, Fenger M. Tyrosine hydroxylase polymorphism (C-824T) and hypertension: a population-based study. *Am J Hypertens* 2010;23:1306-11.
96. Norgaard ML, Andersen SS, Schramm TK, Folke F, Jorgensen CH, Hansen ML, Andersson C, Bretler DM, Vaag A, Kober L, Torp-Pedersen C, Gislason GH. Changes in short- and long-term cardiovascular risk of incident diabetes and incident myocardial infarction—a nationwide study. *Diabetologia* 2010;53:1612-9.
97. Okin PM, Gerds E, Wachtell K, Oikarinen L, Nieminen MS, Dahlof B, Devereux RB. Relationship of left atrial enlargement to persistence or development of ECG left ventricular hypertrophy in hypertensive patients: implications for the development of new atrial fibrillation. *J Hypertens* 2010;28:1534-40.
98. Olesen JB, Hansen PR, Abildstrom SZ, Andersson C, Weeke P, Schmiegelow M, Erdal J, Torp-Pedersen C, Gislason GH. Valproate attenuates the risk of myocardial infarction in patients with epilepsy: a nationwide cohort study. *Pharmacoepidemiol Drug Saf* 2011;20:146-53.
99. Olesen JB, Hansen PR, Erdal J, Abildstrom SZ, Weeke P, Fosbol EL, Poulsen HE, Gislason GH. Antiepileptic drugs and risk of suicide: a nationwide study. *Pharmacoepidemiol Drug Saf* 2010;19:518-24.
100. Olsen MH, Sehestedt T, Lyngbaek S, Hansen TW, Rasmussen S, Wachtell K, Torp-Pedersen C, Hildebrandt PR, Ibsen H. Urine albumin/creatinine ratio, high sensitivity C-reactive protein and N-terminal pro brain natriuretic peptide—three new cardiovascular risk markers—do they improve risk prediction and influence treatment? *Curr Vasc Pharmacol* 2010;8:134-9.
101. Pecini R, Moller DV, Torp-Pedersen C, Hassager C, Kober L. Heart failure etiology impacts survival of patients with heart failure. *Int J Cardiol* 2010.
102. Pratt CM, Roy D, Torp-Pedersen C, Wyse DG, Toft E, Juul-Moller S, Retyk E, Drenning DH. Usefulness of vernakalant hydrochloride injection for rapid conversion of atrial fibrillation. *Am J Cardiol* 2010;106:1277-83.
103. Rasmussen K, Maeng M, Kaltoft A, Thayssen P, Kelbaek H, Tilsted HH, Abildgaard U, Christiansen EH, Engstrom T, Krusell LR, Ravkilde J, Hansen PR, Hansen KN, Abildstrom SZ, Aaroe J, Jensen JS, Kristensen SD, Botker HE, Madsen M, Johnsen SP, Jensen LO, Sorensen HT, Thuesen L, Lassen JF. Efficacy and safety of zotarolimus-eluting and sirolimus-eluting coronary stents in routine clinical care (SORT OUT III): a randomised controlled superiority trial. *Lancet* 2010;375:1090-9.
104. Rasmussen RV, Bruun LE, Lund J, Larsen CT, Hassager C, Bruun NE. The impact of cardiac surgery in native valve infective endocarditis: Can euroSCORE guide patient selection? *Int J Cardiol* 2010.
105. Raunso J, Pedersen OD, Dominguez H, Hansen ML, Moller JE, Kjaergaard J, Hassager C, Torp-Pedersen C, Kober L. Atrial fibrillation in heart failure is associated with an increased risk of death only in patients with ischaemic heart disease. *Eur J Heart Fail* 2010;12:692-7.
106. Rieck AE, Cramariuc D, Staal EM, Rossebo AB, Wachtell K, Gerds E. Impact of hypertension on left ventricular structure in patients with asymptomatic aortic valve stenosis (a SEAS substudy). *J Hypertens* 2010;28:377-83.
107. Riemann M, Rai A, Ngo AT, Dziegiel MH, Holstein-Rathlou NH, Torp-Pedersen C. Oxygen-dependent vasomotor responses are conducted upstream in the mouse cremaster microcirculation. *J Vasc Res* 2011;48:79-89.
108. Sajadieh A, Mouridsen MR, Selmer C, Intzilakis T, Nielsen OW, Haugaard SB. Monocytes associate to incident cancer and mortality in man. *Eur J Cancer* 2010.

109. Schneider MP, Hua TA, Bohm M, Wachtell K, Kjeldsen SE, Schmieder RE. Prevention of atrial fibrillation by Renin-Angiotensin system inhibition a meta-analysis. *J Am Coll Cardiol* 2010;55:2299-307.
110. Sehested TS, Hansen TW, Olsen MH, Abildstrom SZ, Rasmussen S, Ibsen H, Torp-Pedersen C, Madsbad S, Jeppesen J. Measures of overweight and obesity and risk of cardiovascular disease: a population-based study. *Eur J Cardiovasc Prev Rehabil* 2010;17:486-90.
111. Sehestedt T, Jeppesen J, Hansen TW, Wachtell K, Ibsen H, Torp-Pedersen C, Hildebrandt P, Olsen MH. Risk prediction is improved by adding markers of subclinical organ damage to SCORE. *Eur Heart J* 2010;31:883-91.
112. Sehestedt T, Olsen MH. Subclinical organ damage and cardiovascular risk prediction. *Blood Press* 2010;19:132-9.
113. Snygg-Martin U, Rasmussen RV, Hassager C, Bruun NE, Andersson R, Olaison L. Warfarin therapy and incidence of cerebrovascular complications in left-sided native valve endocarditis. *Eur J Clin Microbiol Infect Dis* 2010.
114. Soraas CL, Wachtell K, Okin PM, Dahlöf B, Devereux RB, Tonnessen T, Kjeldsen SE, Olsen MH. Lack of regression of left ventricular hypertrophy is associated with higher incidence of revascularization in hypertension: The LIFE Study. *Blood Press* 2010;19:145-51.
115. Sorensen R, Abildstrom SZ, Weeke P, Fosbol EL, Folke F, Hansen ML, Hansen PR, Madsen JK, Abildgaard U, Kober L, Poulsen HE, Torp-Pedersen C, Gislason GH. Duration of clopidogrel treatment and risk of mortality and recurrent myocardial infarction among 11 680 patients with myocardial infarction treated with percutaneous coronary intervention: a cohort study. *BMC Cardiovasc Disord* 2010;10:6.
116. Taskiran M, Iversen A, Klausen K, Jensen GB, Jensen JS. The impact of microalbuminuria on mortality in patients with acute myocardial infarction - a 10-year follow-up study. *Heart Int* 2010;5:e2:7-9.
117. Thaning P, Bune LT, Hellsten Y, Pilegaard H, Saltin B, Rosenmeier JB. Attenuated purinergic receptor function in patients with type 2 diabetes. *Diabetes* 2010;59:182-9.
118. Torp-Pedersen C, Pedersen OD, Kober L. Antiarrhythmic drugs safety first. *J Am Coll Cardiol* 2010;55:1577-9.
119. Treiman M, Elvekjaer M, Engstrom T, Jensen JS. Glucagon-like peptide 1--a cardiologic dimension. *Trends Cardiovasc Med* 2010;20:8-12.
120. Troelsen LN, Garred P, Christiansen B, Torp-Pedersen C, Christensen IJ, Narvestad E, Jacobsen S. Double role of mannose-binding lectin in relation to carotid intima-media thickness in patients with rheumatoid arthritis. *Mol Immunol* 2010;47:713-8.
121. Troelsen LN, Garred P, Christiansen B, Torp-Pedersen C, Jacobsen S. Genetically determined serum levels of mannose-binding lectin correlate negatively with common carotid intima-media thickness in systemic lupus erythematosus. *J Rheumatol* 2010;37:1815-21.
122. Tuseth N, Cramariuc D, Rieck AE, Wachtell K, Gerdts E. Asymmetric septal hypertrophy - a marker of hypertension in aortic stenosis (a SEAS substudy). *Blood Press* 2010;19:140-4.
123. Valeur N, Fritz-Hansen T, Risum N, Mogelvang R, Bloch Thomsen PE, Sogaard P. Echocardiographic effects of changing atrioventricular delay in cardiac resynchronization therapy based on displacement. *J Am Soc Echocardiogr* 2010;23:621-7.
124. Van Gaal LF, Caterson ID, Coutinho W, Finer N, Maggioni AP, Sharma AM, Torp-Pedersen C, Ge H, Moran SA, Shepherd GM, James WP. Weight and blood pressure response to weight management and sibutramine in diabetic and non-diabetic high-risk patients: an analysis from the 6-week lead-in period of the sibutramine cardiovascular outcomes (SCOUT) trial. *Diabetes Obes Metab* 2010;12:26-34.
125. Wachtell K, Gerdts E, Aurigemma GP, Boman K, Dahlöf B, Nieminen MS, Olsen MH, Okin PM, Palmieri V, Rokkedal JE, Devereux RB. In-treatment reduced left atrial diameter during antihypertensive treatment is associated with reduced new-onset atrial fibrillation in hypertensive patients with left ventricular hypertrophy: The LIFE Study. *Blood Press* 2010;19:169-75.
126. Wachtell K, Gerdts E, Palmieri V, Olsen MH, Nieminen MS, Papademetriou V, Boman K, Dahlöf B, Aurigemma GP, Rokkedal JE, Devereux RB. In-treatment midwall and endocardial fractional shortening predict cardiovascular outcome in hypertensive patients with preserved baseline systolic ventricular function: the Losartan Intervention For Endpoint reduction study. *J Hypertens* 2010;28:1541-6.
127. Wachtell K, Palmieri V, Gerdts E, Bella JN, Aurigemma GP, Papademetriou V, Dahlöf B, Aalto T, Ibsen H, Rokkedal JE, Devereux RB. Prognostic significance of left ventricular diastolic dysfunction in patients with left ventricular hypertrophy and systemic hypertension (the LIFE Study). *Am J Cardiol* 2010;106:999-1005.

128. Weeke P, Andersson C, Fosbol EL, Brendorp B, Kober L, Sharma AM, Finer N, James PT, Caterson ID, Rode RA, Torp-Pedersen C. The weight lowering effect of sibutramine and its impact on serum lipids in cardiovascular high risk patients with and without type 2 diabetes mellitus - an analysis from the SCOUT lead-in period. *BMC Endocr Disord* 2010;10:3.

129. Weeke P, Folke F, Gislason GH, Lippert FK, Olesen JB, Andersson C, Fosbol EL, Charlot MG, Kanfers JK, Poulsen HE, Nielsen SL, Kober L, Torp-Pedersen C. Pharmacotherapy and hospital admissions before out-of-hospital cardiac arrest: a nationwide study. *Resuscitation* 2010;81:1657-63.

130. Wiik BP, Larstorp AC, Hoiegggen A, Kjeldsen SE, Olsen MH, Ibsen H, Lindholm L, Dahlof B, Devereux RB, Okin PM, Wachtell K. Serum uric acid is associated with new-onset diabetes in hypertensive patients with left ventricular hypertrophy: The LIFE Study. *Am J Hypertens* 2010;23:845-51.

# Billeddiagnostisk afdeling

## Forskningstemaer

- Screening for lungecancer med CT
- Tvillingestudie: fødselsvægtens betydning for helbredet senere i livet, undersøgt blandt andet med DEXA scanning.
- Hjerteinsufficiens og sympatisk innervation, vurderet ved MIBG skintigrafi.
- Effekt af vægttab ved psoriasis, undersøgt blandt andet med DXA skanning.

## Forskningsansvarlig

Elisabeth Albrecht-Beste, overlæge

## Publikationer 2010

1. Bækgaard N, Broholm R, Just SRL. Additional procedures to influence the outcome of catheter-directed thrombolysis. I: Best Practice in Venous Procedures. Torino: Edizioni Minerva Medica. 2010. s. 33-40.
2. Bækgaard N, Broholm R, Just SRL, Jørgensen M, Jensen LP. Long-term results using catheter-directed thrombolysis in 103 lower limbs with acute iliofemoral venous thrombosis. *European Journal of Vascular and Endovascular Surgery*. 2010 jan 1;39(1):112-7.
3. Nielsen YJW, Eiberg JP, Løgager VB, Just SRL, Schroeder TV, Thomsen HS. Patient acceptance of whole-body magnetic resonance angiography: A prospective questionnaire study. *Acta Radiologica*. 2010 apr 1;51(3):277-83.
4. Nielsen YJW, Eiberg JP, Løgager VB, Just SRL, Schroeder TV, Thomsen HS. Whole-body magnetic resonance angiography with additional steady-state acquisition of the infragenicular arteries in patients with peripheral arterial disease. *Cardiovascular and Interventional Radiology*. 2010 jun 1;33(3):484-91.
5. Pelta A, Andersen UB, Just S, Bækgaard N. Flash pulmonary edema in patients with renal artery stenosis--the Pickering Syndrome. *Blood Pressure*. 2010 feb 1;20(1):15-9
6. Ashraf H, de Hoop B, Dirksen A, Bach KS, Hansen H, Prokop M, Pedersen JH. Lung nodule volumetry: Segmentation algorithms within the same software package cannot be used interchangeably. *European Radiology*, 2010, 20, 1878-1885

# Lungemedicinsk afdeling Y

På Lungemedicinsk afdeling er der omfattende forskning indenfor screening for lungecancer, CT-kvantitering af emfysem, alfa-antitrypsin mangel og rygeafvænning. Afdelingens forskning indenfor disse områder på højt internationalt niveau. Der foregår endvidere forskning i udredning af lungekræft (inklusive screening med lavdosis CT-scanning med særlig bevilling fra Finansloven). Afdelingen har det ordinære professorat i medicinske lungesygdomme for Københavns Universitet og endvidere en klinisk lektor.

## Forskningstemaer

- Rygeafvænning
- Udredning af patienter mistænkt for lungecancer
- Screening af rygere for lungecancer
- NIV ved KOL og obstruktiv søvnapnø
- Billeddiagnostik ved KOL
- Interstitielle lungesygdomme
- Astma
- Tuberkulose
- Behandling af alfa1-antitrypsin mangel

## Videnskabelige medarbejdere

### Professor

Asger Dirksen, overlæge, dr.med.

### Kliniske forskningslektorer / postdocs

Torgny Wilcke, overlæge, ph.d.

### Ph.d. studerende

Haseem Ashraf, cand.med.

Zaigham Saghir, cand.med.

### Andet forskningsaktivt personale

Ca. 10 forskningssygeplejersker og sekretærer

### Forskningsansvarlig

Asger Dirksen, professor, overlæge, dr.med.

## Publikationer 2010

1. Berg ND, Dirksen A et al. Genetic susceptibility factors to multiple chemical sensitivity revisited. *Int J Hyg EnvironHealth* 2010;213:131-9.
2. Berg ND, Rasmussen HB, Linneberg A, Andersen CB, Fenger M, Dirksen A et al. Genetic susceptibility factors for multiple chemical sensitivity revisited. *International Journal of Hygiene and Environmental Health*. 2010 mar 1;213(2):131-9.
3. Glover ED, Rath Jm, Sharma E, Glover PN, Laffin M, Tonnesen P et al. A multicenter phase 3 trial of lobeline sulfate for smoking cessation. 2010;34:101-9
4. Gorbunova v, Jacobs SS, Lo P, Dirksen A, et al. Early detection of emphysema progression *Med Image Comput Assist Interv* 2010;13 :193-200.
5. Grydeland TB, Dirksen A, et al. Quantitative computed tomography measures of emphysema and airway wall thickness are related to respiratory symptoms. *Am J Crit care Med* 2010;181:353-9.
6. Lo P; Sporning J, Ashraf H, et al. Vessel guided airway segmentation: A voxel classification approach. *Med Image Anal* 2010;14:527-38.
7. Stockley RA, Parr DG, Piitulainen E, Stolk J, Stoel BC, Dirksen A. Therapeutic efficacy of  $\alpha$ -1 antitrypsin augmentation therapy on the loss of lung tissue: an integrated analysis of 2 randomized clinical trials using computed tomography densitometry.
8. Sørensen L, Loog M, Lo P, Sahraf H, Dirksen A et al. Image dissimilarity-based quantification of lung disease from CT. *Med Image Comput Assist Interv*. 2010;13:27-44.
9. Thorgeirsson TE, Dirksen A et al. Sequence variants at CHRN3-CHRN3-CHRNA6 and CYP2A6 affect smoking behavior. *Nature Genetics* 2010;42:448-53.
10. Thorgeirsson TE, Gudbjartsson DF, Surakka I, Vink JM, Amin N, Geller F et al. Sequence variants at CHRN3-CHRNA6 and CYP2A6 affect smoking behavior. *Nature Genetics*. 2010 May 1;42(5):448-53.

# Kirurgisk afdeling Z

## Forskningstemaer

- Pårørendes rolle under den ældre patients accelererede operationsforløb ved total hofte- eller knæalloplastik – praksisforankret teoriudvikling
- Udvikling og afprøvning af et empowermentorienteret undervisningsprogram rettet mod rehabiliteringsperioden efter et accelereret hoftealloplastikforløb
- Fremmedelegemeinfektion - et dyreeksperimentelt studium omfattende undersøgelse af vaccination som forebyggende behandling af proteseinfektion

## Videnskabelige medarbejdere

### Kliniske forskningslektorer

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### Ph.d. studerende

Connie Berthelsen, cand.cur.

### Andet forskningsaktivt personale

Niels Søe, overlæge

### Forskningsansvarlig

Carsten Hoe-Hansen, overlæge, dr.med.

## Publikationer 2010

1. Donatsky AM, Jørgensen LN, Meisner S, Vilmann P, Rosenberg J. NOTES-kirurgi er det næste udviklingstrin inden for minimalt invasiv kirurgi. Ugeskrift for læger. 2010 okt 18;172(42):2877-82.
2. Dumonceau J, Riphaus A, Aparicio J, Beilenhoff U, Knape J, Ortmann M et al. European Society of Gastrointestinal Endoscopy, European Society of Gastroenterology and Endoscopy Nurses and Associates, and the European Society of Anaesthesiology Guideline: Non-anaesthesiologist administration of propofol for GI endoscopy. European Journal of Anaesthesiology. 2010;27(12):1016-1030.
3. Dumonceau J, Riphaus A, Aparicio J, Beilenhoff U, Knape J, Ortmann M et al. European Society of Gastrointestinal Endoscopy, European Society of Gastroenterology and Endoscopy Nurses and Associates, and the European Society of Anaesthesiology Guideline: Non-anesthesiologist administration of propofol for GI endoscopy. Endoscopy. 2010;42(11):960-974.
4. Dumonceau JM, Riphaus A, Aparicio JR, Beilenhoff U, Knape JTA, Ortmann M et al. European Society of Gastrointestinal Endoscopy, European Society of Gastroenterology and Endoscopy Nurses and Associates, and the European Society of Anaesthesiology Guideline: Non-anesthesiologist administration of propofol for GI endoscopy. Gynaecological Endoscopy. 2010 nov 1;42(11):960-74.
5. Dumonceau JM, Riphaus A, Aparicio JR, Beilenhoff U, Knape JTA, Ortmann M et al. European Society of Gastrointestinal Endoscopy, European Society of Gastroenterology and Endoscopy Nurses and Associates, and the European Society of Anaesthesiology Guideline: Non-anaesthesiologist administration of propofol for GI endoscopy. European Journal of Anaesthesiology. 2010 dec 1;27(12):1016-30.
6. Hassan H, Vilmann P, Sharma V. Impact of EUS-guided FNA on management of gastric carcinoma. Annual of Gastrointestinal Endoscopy. 2010 mar 1;71(3):500-4.
7. Hassan H. EUS - the best tool to reveal early pancreatic cancer?. Scandinavian Journal of Gastroenterology. 2010;45:33.
8. Herup A, Merser S, Boeckstyns M. Validering af spørgeskema ved lidelser i overekstremiteten. Ugeskrift for læger. 2010 nov 29;172(48):3333-6.
9. Høj AT, Vilmann P. Sedation med propofol til koloskopi. Gennemgang af et Cochrane-review. Ugeskrift for læger. 2010 maj 17;172(20):1532-4.
10. Høj AT, Vilmann P. [Propofol for sedation during colonoscopy. A survey of a Cochrane review]. Ugeskrift for Læger. 2010;172(20):1532-1534.
11. Kannegaard PN, van der Mark S, Eiken P, Abrahamsen B. Excess mortality in men compared with women following a hip fracture. National analysis of comedications, comorbidity and survival. Age and Ageing. 2010 mar 1;39(2):203-9.
12. Kristensen AD, Jørgensen LN, Meisner S, Vilmann P, Rosenberg J. [Natural Orifice Transluminal Endoscopic Surgery--the next step in minimal invasive surgery]. Ugeskrift for Læger. 2010;172(42):2877-2882.

13. Nilsson J, Sandberg K, Dahlin LB, Vendel N, Balslev E, Larsen L et al. Fibrolipomatous hamartoma in the median nerve in the arm - an unusual location but with MR imaging characteristics: a case report. *Journal of Brachial Plexus and Peripheral Nerve Injury*. 2010 jan 1;5:1.

14. Puri R, Vilmann P, Sud R, Kumar M, Taneja S, Verma K et al. Endoscopic ultrasound-guided fine-needle aspiration cytology in the evaluation of suspected tuberculosis in patients with isolated mediastinal lymphadenopathy. *Endoscopy*. 2010;42(6):462-467.

15. Puri R, Vilmann P, Sud R, Kumar M, Taneja S, Verma K et al. Endoscopic ultrasound-guided fine-needle aspiration cytology in the evaluation of suspected tuberculosis in patients with isolated mediastinal lymphadenopathy. *Gynaecological Endoscopy*. 2010 jun 1;42(6):462-7.