Rigshospitalet
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Doctoral theses and PhD dissertations defended during the year

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Scientific publications


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Gam CMB, Nielsen HMB, Secher NH, Larsen FS, Ott P, Quistorff B. In cirrhotic patients reduced muscle strength is unrelated to muscle capacity for ATP turnover suggesting a central limitation. *Clinical Physiology and Functional Imaging.* 2011 maj 1;31(3):169-74.


**Intensive Care Department**

**Publications**

**Doctoral theses and PhD dissertations defended during the year**

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**Scientific publications**


**Department of Vascular Surgery RK**

**Publications**

**Doctoral theses and PhD dissertations defended during the year**


**Scientific publications**


Heerwagen ST, Hansen MA, Schroeder TV, Ladefoged SD, Lønn L. Blood flow measurements during hemodialysis vascular access interventions - Catheter-based thermodilution or Doppler ultrasound?. The journal of vascular access. 2011;0.

Heerwagen ST, Lønn L, Schroeder TV, Ladefoged SD, Hansen MA. Catheter-based flow measurements in hemodialysis fistulas - Bench testing and clinical performance. The journal of vascular access. 2011;0.


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Thorup J, Petersen BL, Kvist PK, Cortes D. Bilateral vanished testes diagnosed with a single blood sample showing very high gonadotropins (follicle-stimulating hormone and luteinizing hormone) and very low inhibin B. Scandinavian Journal of Urology and Nephrology. Supplement. 2011;45(6):425-31.


**Department of Gastroenterology CA**

**Publications**

**Scientific publications**


**Department of Endocrinological Medicine PE**

**Publications**

**Scientific publications**


Boas M, Feldt-Rasmussen U, Main KM. Thyroid effects of endocrine disrupting chemicals. Molecular and Cellular Endocrinology. 2011 sep 10


Mikkelsen MR, Nielsen SB, Stage E, Mathiesen ER, Damm P. High maternal HbA1c is associated with overweight in neonates. Danish Medical Bulletin (Online). 2011;58(9):A4309.


Nielsen LR, Pedersen-Bjergaard U, Thorsteinsson B, Damm P, Mathiesen ER. Hypoglycemia in pregnant women with type 1 diabetes: clinical features and management by Hypoglycemia in pregnant women with type 1 diabetes: clinical features and management. Diabetic Hypoglycemia. 2011;3/3


Scientific publications


**Department of Urology D**

**Publications**

**Scientific publications**


The Centre of Diagnostic Investigation

Infectious Hygiene Unit

Publications

Scientific publications


Department of Physiology, Nuclear Medicine & PET

Publications

Doctoral theses and PhD dissertations defended during the year

Lundby T. Obstacles and motivation when implementing an accreditation model. Eget Forlag, 2011.

Olesen OV. Markerless 3D Head Tracking for Motion Correction in High Resolution PET Brain Imaging. Eget Forlag, 2011. 174 s.

Sloth Kristoffersen U. Ischemic heart disease in HIV patients: studies on the pathophysiology behind the increased risk. Eget Forlag, 2011.

Scientific publications

Andreassen M, Faber JO, Kjær A, Petersen CL, Kristensen LØ. Cardiac function in growth hormone deficient patients before and after 1 year with replacement therapy: a magnetic resonance imaging study. Pituitary. 2011 mar 1;14(1):1-10.


Møller BK, Nielsen SD, Christensen CB, Helweg-Larsen J. Immune reconstitution syndrome presenting as probable AIDS-related lymphoma: a case report. AIDS Research and Therapy. 2011 jan 1;8:34.


Department of Clinical Biochemistry

Scientific publications


Rehfeld JF. Mindeord om Niels Tygstrup.. Kongelige Danske Videnskabernes Selskab. Oversigt over Selskabet's Virksomhed. 2011;238-244.


Department of Clinical Immunology, Tissue Typing Laboratory

Publications

Scientific publications


Clausen FB, Krog GR, Rieneck K, Råsmark EEF, Dziegiel MH. Evaluation of two real-time multiplex PCR screening assays detecting fetal RHD in plasma from RhD negative women to ascertain the requirement for antenatal RhD prophylaxis. Fetal Diagnosis and Therapy. 2011 jan 1;29(2):155-63.


Hansen BE, Nielsen CH, Madsen HO, Ryder LP, Jakobsen BK, Svejgaard A. The HLA-DP2 protein binds the immunodominant epitope from myelin basic protein, MBP85-99, with high affinity. Tissue Antigens. 2011 mar 1;77(3):229-34.


Johansson PI, Stensballe J, Rasmussen LS, Ostrowski SR. High Circulating Adrenaline Levels at Admission Predict Increased Mortality After Trauma. The European Journal of Trauma and Emergency Surgery. 2011 okt 13


Nystrup KB, Windeløv NA, Thomsen AB, Johansson PI. Reduced clot strength upon admission, evaluated by thrombelastography (TEG), in trauma patients is independently associated with increased 30-day mortality. Scandinavian Journal of Trauma, Resuscitation and Emergency Medicine. 2011;19:52.


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**Department of Clinical Microbiology**

**Publications**

**Doctoral theses and PhD dissertations defended during the year**


**Scientific publications**


Hempel C, Combes V, Hunt NH, Kurtzhals JAL, Grau GER. CNS hypoxia is more pronounced in murine cerebral than noncerebral malaria and is reversed by erythropoietin. American Journal of Cardiovascular Pathology. 2011 okt 1;179(4):1939-50.


Høiby N. Recent advances in the treatment of Pseudomonas aeruginosa infections in cystic fibrosis. B M C Medicine. 2011 jan 1;9:32.
Jakobsen TH, van Gennip M, Christensen LD, Bjarnsholt T, Givskov M. Qualitative and quantitative


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Lester CH, Olsen S, Jakobsen L, Arpi M, Fuursted K, Hansen DS et al. Emergence of extended-spectrum β-
lactamase (ESBL)-producing Klebsiella pneumoniae in Danish hospitals; this is in part explained by spread
of two CTX-M-15 clones with multilocus sequence types 15 and 16 in Zealand. International Journal of

Mandsberg LF, Maciá MD, Bergmann KR, Christiansen L, Alhede M, Kirkby N et al. Development of
antibiotic resistance and up-regulation of the antimutator gene pfpI in mutator Pseudomonas aeruginosa due

Melsom HA, Kurtzhals JAL, Qvortrup K, Bargum R, Barford TS, la Cour M et al. Subconjunctival Dirofilaria
2011 jan 1;5:21-4.

Miller AK, Brannon MK, Stevens L, Johansen HK, Selgrade SE, Miller SI et al. PhoQ mutations promote lipid
A modification and polymyxin resistance of Pseudomonas aeruginosa found in colistin-treated cystic fibrosis
patients. Antimicrobial Agents and Chemotherapy. 2011 okt 3

Mirhendi H, Bruun B, Schønheyder HC, Christensen JJ, Fuursted K, Gahrn-Hansen B et al. Differentiation of
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ITS2 and restriction fragment length polymorphism of ITS and D1/D2 regions in rDNA. European Journal of
Clinical Microbiology & Infectious Diseases. 2011 maj 24


Walther-Rasmussen J, Hoiby N. Salmonella enterica serovar Typhi and S. Paratyphi A: need to expand the QRDR region?. Epidemiology and infection. 2011;139(8):1281-1283.


Wang H. Pharmacokinetics and pharmacodynamics of antimicrobial agents to planktonic and biofilm-growing Pseudomonas aeruginosa ans Staphylococcus aureus in vitro and in vivo (Ph.d.). 2012.

### Department of Pathology

#### Publications

##### Doctoral theses and PhD dissertations defended during the year


##### Scientific publications


Colmorn LB, Jensen T, Petersen BL, Helvind M, Jørgensen FS. Prenatal Ultrasound Diagnosis of a Multiple Atypical Right Atrial Cardiac Fibroma. Ultraschall in der Medizin. 2010 dec 16


Hagedorn P, Burton CM, Carlsen J, Steinbrüchel D, Andersen CB, Sahar E et al. Chronic rejection of a lung transplant is characterized by a profile of specific autoantibodies. Immunology. 2010 jul 1;130(3):427-35.


Olesen UH, Thouggaard AV, Jensen PB, Sehested M. A preclinical study on the rescue of normal tissue by nicotinic acid in high-dose treatment with APO866, a specific nicotinamide phosphoribosyltransferase inhibitor. Molecular Cancer Therapeutics. 2010 jun 1;9(6):1609-17.


Thorup J, Petersen BL, Kvist PK, Cortes D. Bilateral vanished testes diagnosed with a single blood sample showing very high gonadotropins (follicle-stimulating hormone and luteinizing hormone) and very low inhibin B. Scandinavian Journal of Urology and Nephrology. Supplement. 2011;45(6):425-31.


Vilmar AC, Santoni-Rugiu E, Sørensen JB. ERCC1 and histopathology in advanced NSCLC patients randomized in a large multicenter phase III trial. Annals of Oncology: official journal of the European Society for Medical Oncology / ESMO. 2010 Sep 1;21(9):1817-24.

Vilmar AC, Garcia-Foncillas J, Huarriz M, Santoni-Rugiu E, Sorensen JB. RT-PCR versus immunohistochemistry for correlation and quantification of ERCC1, BRCA1, TUBB3 and RRM1 in NSCLC. Lung Cancer. 2011;75(3):306-12.


Department of Diagnostic Radiology

Publications

Scientific publications


Heerwagen ST, Hansen MA, Schroeder TV, Ladefoged SD, Lønn L. Blood flow measurements during hemodialysis vascular access interventions - Catheter-based thermodilution or Doppler ultrasound?. The journal of vascular access. 2011;0.

Heerwagen ST, Lønn L, Schroeder TV, Ladefoged SD, Hansen MA. Catheter-based flow measurements in hemodialysis fistulas - Bench testing and clinical performance. The journal of vascular access. 2011;0.


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Møller-Sørensen H, Hansen KL, Ostergaard M, Andersen LW, Møller K. Lack of agreement and trending ability of the endotracheal cardiac output monitor compared with thermodilution. Acta Anaesthesiologica Scandinavica. 2011


The Finsen Centre

Department of Infectious Medicine and Rheumatology / Centre of Inflammation and Metabolism (CIM)

Scientific publications


Copenhagen Muscle Research Centre

Publications

Scientific publications


The Finsen Laboratory

Publications

Doctoral theses and PhD dissertations defended during the year


Madsen DH. The endocytic receptor uPARAP/Endo180 in collagen turnover and its importance in physiological and pathological processes (Ph.d.). København: Eget forlag, 2011. 112 s.

Rasch MG. Stromal progression in luminal and basal-like breast cancer (Ph.d.): Impact of matrix metalloproteinase-9 and development of inhibitory monoclonal antibodies. København: Eget forlag, 2011. 120 s.
Scientific publications


Jensen TO, Schmidt H, Møller HJ, Donskov F, Høyer M, Sjoegren P et al. Intratumoral neutrophils and plasmacytoid dendritic cells indicate poor prognosis and are associated with pSTAT3 expression in AJCC stage I/II melanoma. Cancer. 2011


**Department of Haematology**

**Publications**

**Doctoral theses and PhD dissertations defended during the year**

Larsen HB. The effects of a controlled family navigator nurse directed intervention program for parents hospitalized with children undergoing allogeneic haematopoietic stem cell transplantation (HSCT); Ph.D. Eget Forlag, 2011. 136 s.

Mylin AK. Protein YKL-40 in multiple myeloma; Ph.D. Eget Forlag, 2011.

Møller T. Individualized supervised patient education - a key role in reinforcement of infection protection and outpatient management of acute leukemia; Ph.D. Eget Forlag, 2011.

**Scientific publications**


Mortensen BK, Nielsen SD, Christensen CB, Helweg-Larsen J. Immune reconstitution syndrome presenting as probable AIDS-related lymphoma: a case report. AIDS Research and Therapy. 2011 jan 1;8:34.


Department of Oncology and Department of Radiotherapy

Publications

Doctoral theses and PhD dissertations defended during the year


Hertel PB. TIMP-1 as a predictive marker for chemotherapy in primary breast cancer. København, 2011. 137 s.


Scientific publications


Hare-Bruun H, Togo P, Andersen LB, Heitmann BL. Adult food intake patterns are related to adult and childhood socioeconomic status. The British journal of nutrition. 2011 maj 1;141(5):928-34.


Department of Infectious Medicine and Rheumatology / Infectious Diseases

Publications

Doctoral theses and PhD dissertations defended during the year


Jørgensen LM. A quartz-crystal microbalance in malaria research: determining binding strengths of key molecules (Ph.d). Eget Forlag, 2011.

Omland L. Mortality in patients coinfected with HIV and viral hepatitis B and C in Denmark (Ph.d). Eget Forlag, 2011.

Pedersen AFS. Genetic variation of Plasmodium falciparum var genes (Ph.d.). Eget Forlag, 2011.

Pinto VV. Development of a VAR2CSA-based subunit vaccine against placental malaria (Ph.d.). Eget Forlag, 2011.

Scientific publications


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Bigey P, Gnidehou S, Doritchamou J, Quiviger M, Viwami F, Couturier A et al. The NTS-DBL2X region of VAR2CSA induces cross-reactive antibodies that inhibit adhesion of several plasmodium falciparum isolates to chondroitin sulfate A. Journal of Infectious Diseases. 2011 okt 1;204(7):1125-33.


Mortensen BK, Nielsen SD, Christensen CB, Helweg-Larsen J. Immune reconstitution syndrome presenting as probable AIDS-related lymphoma: a case report. AIDS Research and Therapy. 2011 jan 1;8:34.

Nasr A, Iriemenam NC, Troye-Blomberg M, Arnot D, Theander TG, Berzins K et al. Pattern of pre-existing IgG subclass responses to a panel of asexual stage malaria antigens reported during the lengthy dry season in Daraweesh, Sudan. Scandinavian Journal of Immunology. 2011 okt 1;74(4):390-6.


Worm SW, Lundgren JD. The metabolic syndrome in HIV. Best Practice & Research: Clinical Endocrinology & Metabolism. 2011 jun 1;25(3):479-86.


Department of Infectious Medicine and Rheumatology / Rheumatology

Publications

Scientific publications


Brix TH, Hegedüs L, Gardas A, Banga JP, Nielsen CH. Monozygotic twin pairs discordant for Hashimoto's thyroiditis share a high proportion of thyroid peroxidase autoantibodies to the immunodominant region A. Further evidence for genetic transmission of epitopic "fingerprints". Autoimmunity. 2011 maj 1;44(3):188-94.


Dreyer L, Faurschou M, Baslund B. A population-based study of Takayasu’s arteritis in eastern Denmark. Clinical and Experimental Rheumatology. 2011 feb 2;29(Suppl. 64):S40-S42.


Hansen BE, Nielsen CH, Madsen HO, Ryder LP, Jakobsen BK, Svejgaard A. The HLA-DP2 protein binds the immunodominant epitope from myelin basic protein, MBP85-99, with high affinity. Tissue Antigens. 2011 mar 1;77(3):229-34.


Laboratory of Radiobiology

Publications

Doctoral theses and PhD dissertations defended during the year

Scientific publications

The Heart Centre

Department of Aviation Medicine

Publications

Doctoral theses and PhD dissertations defended during the year


Ripa MS. The ECG as decision support in STEMI. (Disputats). København: Eget forlag, 2011. 47 s.

Berg SK. Comprehensive rehabilitation for patients with ICD. (Ph.d.). 1 udg. SUN-TRYK AARHUS, 2011. 146 s.

Henningsen KMA. The role of inflammation in the pathophysiology of atrial fibrillation. (Ph.d.). 2011.


Tran CT. Potassium dynamics.: Cardiac electrophysiological effects in atrial fibrillation and exercise, and potassium regulation in hypokalemia.(Ph.d.). København: Eget forlag, 2011. 103 s.

Scientific publications


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Kühl JT, Berg RMG. Virtues of aVR: the prodigal lead in clinical electrocardiography?. European Heart Journal (Online). 2011;Correspondence, E-Letter.


Kümler T, Gislason GH, Kober L, Gustafsson F, Schou M, Torp-Pedersen C. Renal function at the time of a myocardial infarction maintains prognostic value for more than 10 years. B M C Cardiovascular Disorders. 2011;11:37.


Loh PH, Jensen T, Søndergaard L. Percutaneous closure of congenital aortocaval fistula with a coexisting secundum atrial septal defect. Cardiology in the Young. 2011;1:3.


Lønborg J, Engstrøm T, Mathiasen AB, Vejlstrup N. Myocardial area at risk after ST-elevation myocardial infarction measured with the late gadolinium enhancement after scar remodeling and T2-weighted cardiac magnetic resonance imaging. International Journal of Cardiovascular Imaging. 2011.


Overgaard D, Schrader A, Lisby KH, King C, Christensen RF, Jensen HF et al. Patient-reported outcomes in adult survivors with single-ventricle physiology. Interventional Cardiology. 2011;120(1):36-42.


Schierbeck LL, Jensen TS, Bang U, Jensen G, Køber L, Jensen JB. Parathyroid hormone and vitamin D--
markers for cardiovascular and all cause mortality in heart failure. European Journal of Heart Failure.

Schjerning Olsen A, Fosbøl EL, Lindhardsen J, Folke F, Charlot M, Buhl CS et al. Duration of Treatment
With Nonsteroidal Anti-Inflammatory Drugs and Impact on Risk of Death and Recurrent Myocardial Infarction

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Schmiegelow M, Andersson C, Olesen JB, Abildstrøm SZ, Køber L, Torp-Pedersen C. Body mass index is
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Schoos MM, Kelbæk H, Kofoed KF, Køber L, Klovgaard L, Helqvist S et al. Usefulness of preprocedure high-
sensitivity C-reactive protein to predict death, recurrent myocardial infarction, and stent thrombosis according
to stent type in patients with ST-segment elevation myocardial infarction randomized to bare metal or drug-
eluting stenting during primary percutaneous coronary intervention. American Journal of Cardiology.

Schou M, Valeur N, Torp-Pedersen C, Gustafsson F, Køber L. Plasma sodium and mortality risk in patients
with myocardial infarction and a low LVEF. European Journal of Clinical Investigation. Supplement.
2011;41(11):1237-44.

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Söderman A, Mikkelsen JD, West MJ, Christensen DZ, Jensen MS. Activation of nicotinic α(7) acetylcholine receptor enhances long term potentiation in wild type mice but not in APP(swe)/PS1ΔE9 mice. Neuroscience Letters. 2011;487(3):325-9.


Department of Heart and Lung Surgical RT

Publications

Doctoral theses and PhD dissertations defended during the year


Forsvaret 10.03.2011.

Scientific publications


Penninga L, Møller CH, Wetterslev J, Steinbrüchel D, Gluud C. Comments on 'Off-pump vs. on-pump CABG: are we any closer to a resolution?' by D. P. Taggart and D. G. Altman. European Heart Journal. 2011;ehr374.


**Department of Thoracic Surgery and Anaesthesia ANT**

Scientific publications


**The Centre of Head and Orthopaedics**

**Department of Anaesthesia and Operation**

Scientific publications


Krenk L, Rasmussen LS. Postoperative delirium and postoperative cognitive dysfunction in the elderly - what are the differences?. Minerva Anestesiologica. 2011 jul 1;77(7):742-9.


Nielsen AM, Isbye DL, Lippert F, Rasmussen LS. Distributing personal resuscitation manikins in an untrained population: how well are basic life support skills acquired?. Emergency Medicine Journal. 2011


Rudolph SS, Barnung SK. Survival after Drowning with Cardiac Arrest and Mild Hypothermia. The Internet Journal of Cardiology. 2011;2011


**Department of Ergotherapy and Physiotherapy**

**Scientific publications**


**Department of Plastic Surgery, Breast Surgery and Burns Treatment**

**Publications**
Scientific publications

Gärtner R. Early recovery and chronic sequelae after treatment for breast cancer. Faculty of Health Sciences, University of Copenhagen, 2011. 140 s.

Scientific publications


Tos T, Klyver H, Drzewiecki KT. Extensive screening for primary tumor is redundant in melanoma of unknown primary. Indian Journal of Surgical Oncology. 2011 jun 30


Department of Cleft Lip and Palate

Publications
Scientific publications


Department of Orthopaedic Surgery

Publications

Scientific publications

Department of Dental, Oral and Maxillofacial Surgery

Publications

Scientific publications


Andersson L, Andreasen JO. Writing an original article for publication in Dental Traumatology. Dental Traumatology. 2011;27:328-333.


Scientific publications


**Department of Otorhinolaryngology**

**Publications**

**Scientific publications**


Bretlau PH, Buchwald CV. Temanummer om mundhulens sygdomme... Ugeskrift for laeger. 2011 jan 3;173(1):66; discussion 66.


Guldfred L, Daugaard S, Buchwald CV. Brown tumor mimicking maxillary sinus mucocele as the first manifestation of primary hyperparathyroidism. Auris Nasus Larynx. 2011 Aug 29


Jensen RG, Koch A, Homøe P. Long-term Tympanic Membrane Pathology Dynamics and Spontaneous Healing in Chronic Suppurative Otitis Media. Pediatric Infectious Disease Journal. 2011


The Juliane Marie Centre

**Department of Anaesthesia and Operation**

**Scientific publications**


Scientific publications


Loh PH, Jensen T, Søndergaard L. Percutaneous closure of congenital aortocaval fistula with a coexisting secundum atrial septal defect. Cardiology in the Young. 2011;1-3.


Overgaard D, Schrader A, Lisby KH, King C, Christensen RF, Jensen HF et al. Patient-reported outcomes in adult survivors with single-ventricle physiology. Interventional Cardiology. 2011;120(1):36-42.


White A, McKee M, Richardson N, de Visser R, Madsen SA, de Sousa B et al. Europe’s men need their own health strategy. B M J. 2011;343(d7397)


**Enhed for Kirugisk Patofysiologi**

**Publications**

**Doctoral theses and PhD dissertations defended during the year**

Foss NB. Perioperative care of hip fracture patients (disputats). Faculty of Health Sciences, University of Copenhagen, 2011. 24 s.

Gärtner R. Early recovery and chronic sequelae after treatment for breast cancer (ph.d.-afhandling). Faculty of Health Sciences, University of Copenhagen, 2011. 140 s.
Scientific publications


Rathmell JP, Kehlet H. Do we have the tools to prevent phantom limb pain? Anesthesiology. 2011 maj 1;114(5):1021-4.


**Scientific publications**


Christiansen OB, Larsen EC, Husth M, Pedersen B. Intravenous immunoglobulin and recurrent miscarriage. Fertility and sterility. 2011 mar 31


Consortium/Embryology Special Interest Group--best practice guidelines for polar body and embryo biopsy

health monitoring using a combined Nordic database on ART and safety. Acta Obstetrica et Gynecologica
Scandinavica. Supplement. 2011 apr 7

Henningsen AA, Pinborg AB, Lidegaard O, Vestergaard C, Forman JL, Andersen AN. Perinatal outcome of
singleton siblings born after assisted reproductive technology and spontaneous conception: Danish national

Kolte AM, Nielsen HS, Moltke I, Degn B, Pedersen B, Sunde LEM et al. A genome-wide scan in affected sib-
pairs with idiopathic recurrent miscarriage suggests genetic linkage. Molecular Human Reproduction. 2011
jan 20

Ia Cour Freiesleben N, Gerds TA, Forman JL, Silver JD, Andersen AN, Popovic-Todorovic B. Risk charts to
identify low and excessive responders among first-cycle IVF/ICSI standard patients. Reproductive

Mortensen LH, Nielsen HS, Cnattingius S, Andersen AN. Sex of the First-born and Risk of Preterm Birth in
the Subsequent Pregnancy. Epidemiology (Cambridge, Mass.). 2011 maj 1;22(3):328-32


Schmidt KLT, Rosendahl M, Ernst E, Loft A, Andersen AN, Andersen CY. Letter to the editor: Reply of the authors. Fertility and Sterility. 2011 jun;95(7)


Scientific publications


Antonsen SL, Ulrich L, Høgdall C. Patients with atypical hyperplasia of the endometrium should be treated in oncological centers. Gynecologic Oncology. 2011


Christiansen OB, Larsen EC, Husth M, Pedersen B. Intravenous immunoglobulin and recurrent miscarriage. Fertility and sterility. 2011 mar 31


Fukuda M, Fukuda K, Tatsumi K, Shimizu T, Nobunaga M, Byskov AG et al. The ovulation pattern during three consecutive menstrual cycles has a significant impact on pregnancy rate and sex of the offspring. Fertility and sterility. 2011 mar 4


Krenk L, Rasmussen LS. Postoperative delirium and postoperative cognitive dysfunction in the elderly - what are the differences?. Minerva Anestesiologica. 2011 jul 1;77(7):742-9.


Mikkelsen MR, Nielsen SB, Stage E, Mathiesen ER, Damm P. High maternal HbA1c is associated with overweight in neonates. Danish Medical Bulletin (Online). 2011;58(9):A4309.


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