

Wissenschaftsbericht 2000
der
Universitätsklinik für Radiagnostik
Klinische Abteilung für Radiologie II

Univ.-Prof.Dr. D. zur Nedden



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Lehre:

Vorlesungen/Übungen:

SS 2000

1. Jaschke W, Lukas P, Riccabona G, **zur Nedden D**
Radiologie und Strahlenschutz
P, VO 1,5; SS 2000, 535001
2. Buchberger W, **Helweg G**, Jaschke W, **zur Nedden D**
Vertiefte Ausbildung aus Radiologie und Strahlenschutz
W, SE 5; SS 2000, 535020
3. Bodner G, Buchberger W, **Helweg G**
Einführung in die Ultraschalldiagnostik des Abdomens (mit praktischen
Übungen)
F, VU1/Block, SS 2000, 535042
4. Bodner G, Buchberger W, **Helweg G**
Ultraschalldiagnostik für Fortgeschrittene
F, VU1/Block, SS 2000, 535043
5. **zur Nedden D**
Wirbelsäulendiagnostik
F, VO1, SS 2000, 535044
6. Giacomuzzi SM, **Recheis W**
Bildgebende Systeme in der Medizin
F, VO2/Block; SS 2000, 535058
7. **Recheis W**, Giacomuzzi SM
Grundlagen der Ultraschalldiagnostik
F, VU 1/Block; SS 2000; 535061
8. **Klauser A, Frauscher F**
Med. Anwendungen des Ultraschalls
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14. **zur Nedden D**
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15. Giacomuzzi SM, **Recheis W**
Bildgebende Systeme in der Medizin, Postprocessing von med. Bildern
F, VO 2/Block; WS 2000/2001, 535058
16. Giacomuzzi SM, **Recheis W**
Grundlagen der Ultraschalldiagnostik
F, VU 1/Block; WS 2000/2001, 535061



Laufende Dissertationen:

1. **Feuchtner G**
Evaluierung der Anorexia nervosa mittels Sonographie (High-Resolution-Sonographie, SHI, Extended field of view und Powerdoppler) in Korrelation mit Laborparametern
(*Betreuer: Biebl W, Helweg G*)
2. **Stadlbauer K**
Stellenwert der Sonographie in der Ermittlung von Fingerflexorendickenvermessung
(*Betreuer: Helweg G, Herold M*)

Abgeschlossene Dissertationen (2000):

3. **Kreyer R**
Kinking und Coiling der Arteria carotis communis und des circulus arteriosus cerebri
(*Betreuer: v. Ludinghausen M, Helweg G*)
4. **Riedhart M**
Anamnestische Indikatoren für das Vorliegen uteriner Anomalien: Eine retrospektive Fallstudie
(*Betreuer: Marth Ch, Helweg G*)
5. **Riedl A**
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(*Betreuer: Helweg G, Radmayr Ch, Frauscher F*)
6. **Schmidtseder JJ**
Beeinflussbarkeit der Darmdurchblutung durch organassoziierte Reflexzonenmassage am Fuss, gemessen mittels farbgekoppelter Dopplersonographie
(*Betreuer: Herold M, Helweg G*)
7. **Schütte S**
Kontrastmittelverstärkte Magnetresonanztomographie bei extracraniellen Stenosen und Verschlüssen der Arteria carotis interna
(*Betreuer: Felber S, Helweg G*)

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2. Burtscher J, Dessl A, Bale R, Eisner W, Auer A, Twerdy K, **Felber S**
Virtual endoscopy for planning endoscopic third ventriculostomy procedures
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Magnetic resonance spectroscopy (MRS) in five patients with treated propionic acidemia
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9. Doppler W, Geymayer S, **Weirich HG**
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10. Ellinger R, Kremser C, Schocke MF, Kolbitsch C, Griebel J, **Felber SR**, Aichner FT
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15. **Frauscher F; Klauser A**; Halpern EJ; Horninger W; Bartsch G. Improved detection of prostate cancer using a microbubble ultrasound contrast-agent. Lancet (in press)
16. **Frauscher F; Klauser A**; Halpern EJ; Janetschek G; **Stoeger A**; Bartsch G; **zur Nedden D**. Small renal masses: value of contrast enhanced color Doppler imaging. AJR (submitted)
17. **Frauscher F, Klauser A**, Hobisch A, **Pallwein L**, Stenzl A
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18. **Frauscher F; Klauser A;** Stenzl A; **Helweg G;** Amort B; **zur Nedden D**
Sonographic findings in the scrotum of extreme mountain bikers
Radiology (in press)
19. **Frauscher F, Klauser A;** Stenzl A; **Pallwein L; Helweg G;** Hobisch A;
Bartsch G; **zur Nedden D.** Excessive mountain bicycling can cause
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20. **Frauscher F. Klauser A;** Volgger H; Horninger W; **Helweg G; Pallwein
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25. **Gotwald TF, Daniaux M, Stoeger A, Knapp R, zur Nedden D**
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26. **Gotwald TF,** Zinreich SJ, Schocke M, **Frede T,** Bellmann R, **zur Nedden D**
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27. Gritzmann N, Koischwitz D, **Rettenbacher T**
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31. **Helweg G; Frauscher F; Klauser A; Pallwein L**; Strasser H; **Soegner P**;
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63. Weismann CF, Forstner R, Prokop E, **Rettenbacher T**
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64. Weitalla D, Henkes H, **Felber S**, Weber W, Janisch W, Kuhne D
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Abstracts/Vorträge:

1. **Amort B; Frauscher F; Klauser A;** Auer A; Radmayr C; **Helweg G; zur Nedden D;** Lukas PH
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5. **Daniaux M, Cihak C, Eder R, Recheis W, Gotwald TF, zur Nedden D**
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6. **Daniaux M,** Madersbacher H, **Frauscher F, Klauser A, Pallwein L,** Berger T, **Helweg G, zur Nedden D**
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11. **Frauscher F; Klauser A**, Volgger H; Helweg G; **Stoeger A; zur Nedden
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University of South Alabama, Dept. of Radiology

9. Murphy B, **Recheis W, zur Nedden D**
Eismannforschung, digitale Radiographie
MD Anderson Cancer Center, Chairman, Dept. of Radiology
10. Wootton R, **Sögner P, Stöger A, zur Nedden D**
Telemedizin
The Queens University of Belfast, Institute of Telemedicine and Telecare
11. Alexander AAJ, **Helweg G, Frauscher F, zur Nedden D**
Ultraschalldiagnostik
Thomas Jefferson University, Ultrasound Educational and Research Center,
(JUREI)
12. Prinsloo S, **Recheis W, zur Nedden D**
Anthropologie
University of Pretoria, South Africa, Department of Radiology
13. Vining D, **Recheis W, zur Nedden D**
Virtuelle Endoskopie, Eismannforschung
Bowman Gray School of Medicine, Winston Salem
14. Reed J, Prof. Sheedy
Virtuelle Endoskopie, Untersuchung des koronaren Plaques durch Electron
Beam CT, Rapid Prototyping in der präoperativen Planung
Mayo Clinic and Foundation, Rochester, MN
15. **Gotwald TF, zur Nedden D**, Prof.Dr. Norman J. Beauchamp, Jr.
Johns Hopkins Hospital Baltimore, The Russel H. Morgan Department of
Radiology and Radiological Science, Kooperationen: Multidetector CT
Angiography and volume rendering for intracranial aneurysms
16. **Recheis W**, Reed J, Crump Lisa
Fused deposition modelling in der präoperativen Planung
Stratasys INC, Minneapolis, MN; Mayo Clinic and Foundation, Rochester,
MN
17. Spruck B, **Recheis W**
Evaluation eines autostereoskopischen Displays in der Radiologie
Partner: Zeiss, Oberkochen
18. Silicon Graphics, USA
19. Siemens AG, München: Unterstützung vieler Projekte, Real Time Renderer



Nationale Kooperationen:

1. Seidler H, Weber G, Prossinger H, **Recheis W, zur Nedden D**
Radiologie and Anthropologie, Eismannforschung
Institut für Humanbiologie, Universität Wien
2. Hinterhuber, Sauerwein E, **Recheis W, zur Nedden D**
Effizienz von Modellen in der Operationsplanung
Institut für Unternehmensführung, Universität Innsbruck
3. **Eder R, Recheis W, zur Nedden D**, Kuen B
Stereolithographie-Modelle für Medizin und Anthropologie
Zumtobel Licht GmbH, Zumtobel AG, Dornbirn



Ehrungen und Berufungen:

1. **Helweg G**
Goldenes Ehrenzeichen des Landes Steiermark
September 2000
2. **Helweg G**
Ehrenmitgliedschaft und Ehrenkreuz der Association of Military Surgeons of
the United States (AMSUS)
Las Vegas, November 2000

Medienpräsenzen:

1. **Frauscher F**
Can Mountain biking cause scrotal problems?
WebMD 2000
2. **Frauscher F**
Mountain bicycling seems to cause fertility problems.
BicyclingNews 2000
3. **Frauscher F**
Sonographiebefunde im Scrotum von Mountainbikern
Tirol TV, April 2000
4. **Frauscher F**
Scrotal changes in extreme mountain bikers
CNN Atlanta, Mai 2000
5. **Frauscher F**
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WebHealth Atlanta, Mai 2000
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Help TV Eisenstadt, Juli 2000

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