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Eidgenössische Kommission für Strahlenschutz und Überwachung der Radioaktivität
Commission fédérale de protection contre les radiations et de surveillance de la radioactivité
Commissione federale della radioprotezione e della sorveglianza della radioattività

Radiation Protection of the Patient in Medicine

Strahlenschutz des Patienten in der Medizin

Radioprotection du patient dans le domaine médical

Welcome in Bern to the
CPR/KSR Radiation Protection Seminar
26 January 2007



Berne, 15 Septembre 2006

Secrétariat scientifique KSR/CPR:
Christophe Murith
Office fédéral de la santé publique
3003 Berne

15 Septembre 2006
e-mail: christophe.murith@bag.admin.ch
Téléphone: 031 323 41 55
Fax: 031 322 83 83

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Aim of the seminar

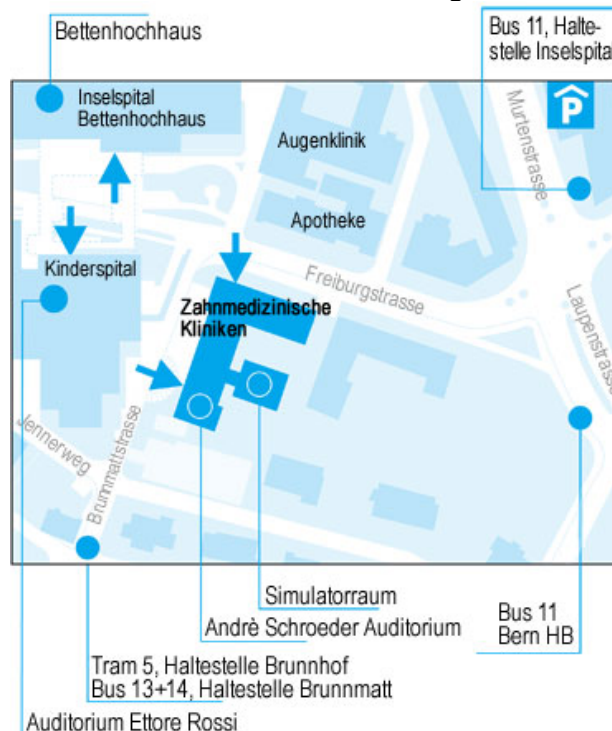
The Swiss Federal Commission for Radiological Protection and Monitoring of Radioactivity in the Environment organizes a seminar each year with the aim of informing people on current topics in radiation protection and offering a platform to share and to exchange knowledge and viewpoints between the various partners involved.

On one hand Medicine is not conceivable without Radiation. On the other hand it contributes to patient and personal exposure. The technological progresses and the increase of the number of examinations have resulted in an increase of the average exposure delivered to the Swiss population. As there is no dose limit in the medical field, the principles of justification and optimization must play a major role to protect the patient with a particular accent on the high dose procedures.

The purpose of the 2007 CPR/KSR seminar is to provide information on recent development and their impact on radiation protection in radiology, nuclear medicine and radiotherapy. The seminar is expected to provide sound scientific basis to stimulate the discussion on the needs of actions helping to keep equilibrium between benefits in the health care and harms due to radiations in the broad medical practices.

Location

Universität Bern, Zahnmedizinische Klinik , Freiburgstrasse 7, 3010 Bern



Seminar KSR-CPR 2007

Strahlenschutz des Patienten in der Medizin

Datum: 26.01.2007

Ort: Auditorium André Schroeder, ZMK, 3010 Bern

PROGRAMM

- 09.30 Eröffnung des Seminars durch den KSR-Präsidenten
- 09.40 Microarrays, Genomics and Proteomics.
Dr. Ralf Schlapbach, FGCZ, Zürich
- 10.10 Intensitätsmodulierte Radiotherapie (IMRT).
Prof. Uwe Oelfke, DKFZ, Heidelberg
- 10.40 Proton and Ion Radiotherapy.
PD Dr. Tony Lomax, PSI, Villigen
- 11.10 Pause
- 11.30 Der Trend zur bimodalen Bildgebung: Potential und Konsequenzen für
den Strahlenschutz, Dr. Hartwig Newiger, Siemens, Erlangen
- 12.00 PET - Radiopharmaceuticals for Molecular Imaging and Therapy,
Prof. Mats Bergström, Novartis, Basel
- 12.30-13.45 Mittagspause, Stehverpflegung
- 13.45 Médecine et Radioprotection – les niveaux de référence diagnostiques
et autres priorités en 2007.
Prof. Michel Bourguignon, ASN, Paris
- 14.15 CT-Entwicklung und Strahlenschutz. Prof. Peter Vock, Inselspital, Bern
- 14.45 Radiographie digitale, évolution technique et conséquences
pour la radioprotection. PD Dr. Francis R. Verdun, IRA, Lausanne
- 15.15-15.45 Pause
- 15.45 Rundtischdiskussion, Beantwortung von Fragen der Teilnehmer
- 16.15 Schlusswort des KSR-Präsidenten

Speakers

- Dr. Hartwig Newiger, Siemens AG, Member of the interdisciplinary German Network [Molecular Imaging](#)
- Prof. Mats Bergström, Director of PET program, [Novartis Pharma AG](#)
- PD Dr. Francis R. Verdun, Institut de radiophysique Appliquée, Chef du [GIM](#)
- Prof. Peter Vock, Chefarzt Institut für Diagnostische, Interventionelle und Pädiatrische Radiologie, [Inselspital](#)
- Prof. Michel Bourguignon, Directeur général adjoint de la sûreté nucléaire et de la radioprotection, [ASN](#)
- PhD Ralph Schlapbach, Managing Director of the [FCGZ](#)
- Prof. Uwe Oelfke, Arbeitsgruppenleiter der Abteilung Medizinische Physik in der Strahlentherapie, [DKFZ](#)
- PD Dr. Tony Lomax, Department of Radiation Medicine, [PSI](#)

Languages

The languages of the seminar are English, French and German; all slides will be in English. The speakers will provide at least an abstract of their presentations before 31 December 2006.

APPLICATION FORM

(Deadline for registration: 31 December 2006)

Name _____

Company _____

Address _____

Phone /Fax _____

E-mail _____

The number of participants is limited to 120 persons. Registration will be accepted according to the date of payment.

Fees

Registration should be addressed to Christophe.murith@bag.admin.ch
Registration fee 150 CHF (70 CHF for students and ARRAD members) includes the lunch and proceedings. Payment to: Raiffeisenbank Fribourg, CB 80901 N° 21687.68 with mention "KSR/CPR Seminar 2007" before 31 December 2006.

Contact Person: Ch. Murith (+41 79 770 38 65)



Zahnmedizinische Kliniken (Fotograf Peter Wegmüller)