

www.ROISIS.ch: A Swiss knowledge database of critical incidences

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Introduction

One goal of article 27 of the Swiss accelerator ordinance [1] is to create a Swiss knowledge database of critical incidences. On the internet page www.ROISIS.ch we will present the data in an anonym form, this means, it should not be possible, to find out in which radiation therapy centre the incident happened. A Critical Incident Reporting System (CIRS) is an excellent tool to reduce the probability of errors especially in medicine [2]. For a Swiss database, we have to use a standardised CIRS, which is in all radiation therapy centres available. We have created a system for the input of reports to a local CIRS and combined it with the option to transfer data to the central database on www.ROISIS.ch. A working group from SASRO and SGSMP has defined in collaboration with the Federal Office of Public Health rules and the minimal content of the ROSIS database.

Material and Methods

The software RO-CIRS, distributed to all radiation therapy centres, is designed as local CIRS. The software informs the user, if an incident should be transferred to www.ROISIS.ch because it fulfils the rules from the working group and in case of a relevant radiation accident, if a (not anonymous) report to the Federal Office of Public Health is necessary. The data transfer from the local database to www.ROISIS.ch works over the File Transfer Protocol FTP in an anonymous way and no data, which betray the sender will be transferred. The ROSIS-editor is responsible for the presentation of data. The language of a report should not allow speculations about the source of the report. To give the ROSIS-editor the opportunity to ask questions, if a report is not clear, an email-address is transferred with the data. The radiation therapy centres are free to choose an email-address, which do not show the identity of the institute (e.g. unkown@hotmail.com). The Federal Office of Public Health accepts to fulfil article 27 by the anonymous transfer of data to www.ROISIS.ch, except in the cases, where a report is necessary.

Results

Some first results are presented on www.ROISIS.ch in German.

Discussion

We are very interested in an open discussion, how the data on www.ROISIS.ch should be presented to give the visitors an optimal chance to learn from the incidents, happened in an other institue.

References

- [1] Verordnung des EDI vom 15. Dezember 2004 über den Strahlenschutz bei medizinischen Elektronenbeschleuniger-Anlagen (Beschleunigerverordnung, BeV), <http://www.admin.ch/ch/d/sr/8/814.501.513.de.pdf>
- [2] G. von Below, Critical Incident Reporting Systems ([CIRS](#)) in der Medizin, http://www.privacy-security.ch/2004/deutsch/anmeldung/pdf/22_vonBelow_slides.pdf