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MRI principles and technical issues: where do European radiographers study from?

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Abstract:
Purpose: To analyse where and how MRI principles and technical issues are investigated by radiographers and radiographers in training (RGt).
Methods and Materials: We proposed an online survey with 8 multiple-choice questions. We investigated how often radiographers have doubts about MRI principles or technical issues, where and what kind of information they search for, in which language and on which websites. χ^2 test was used.
Results: We obtained 300 answers (228 radiographers, 72 RGt, from 9 European countries). Radiographers and RGt mostly search for information both in English and in their native language (66% vs 72%, respectively), with no statistically significant difference (p=0.590). No differences were also found in frequency of consultation: radiographers and RGt frequently or often (64% vs 48%, p=0.485) have doubts about MRI principles. Post-processing details are equally searched for by radiographers and RGt (23% vs 13%, p=0.249) as well as advanced/new techniques (54% vs 50%, p=0.713). Clinical protocol settings are borderline significantly more searched by RGt than radiographers (64% vs 44%, p=0.054) as well as basic sequences details (36% vs 22%, p=0.088). Regarding source of information, radiographers and RGt mostly use internet (74% vs 81%, p=0.404) and books (46% vs 56%, p=0.343). Radiographers and RGt equally refer to mriquestions.com (43% vs 53%, p=0.303) for both technical and clinical issues, radiopaedia.org, (36% vs 47%, p=0.227), and mrimaster.com (25% and 14% p=0.149).
Conclusion: Radiographers and RGt frequently search for information about MRI principles and technical issues with slight differences regarding web sources, clinical protocol settings and MRI sequences.
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