RTF Survey on administration and management

Results

Participation

- 36 National delegates answered the survey
- 5 National delegates did not reply
  - Greece (A. Diamantopoulous)
  - Kazakhstan (Z. Abrakhmanova)
  - Macedonia (P. Janevski)
  - Norway (E. Olstad)
  - Switzerland (S. Wunderle)

- Response rate: 88%
2. Are there any courses on management and administration for radiology trainees or radiologists available in your country?

3. If yes, how were you informed about them?

- email, internet, advertisement in medical magazine
- Via university's newsletter.
- word of mouth, swedish societies website and journal
- Through the faculty as part of the training programme there is a short mandatory management course provided
- By the coordinator of the trainees
- From the local deanary
- By mail, and the Turkish society's web site
- Manly via e-mail or during radiological meetings in our country. I must admit that this courses are rare.

Mandatory courses during specialty training
- SERAM eNewsletters and webpage
- From our professor of radiology department (our university), from our web site.
4. Have you ever attended such a course?

Have you ever attended such a course?

63.6%

56.4%

5. If yes, please state your personal benefit of such attendance:

- Important benefit
- Not much benefit
- Informative about how the hospital system works
- Residency is a short period in which physicians are trained and learn the basics of a medical specialty.
  Management/Administration is a very specific field and I think that residents should only be trained in its fundamentals during residency. On the other hand and ideally there should be also space for specially keen residents that like this specific topic, e.g. Special sessions for trainees-young radiologists on Management/Administration courses as ESR-MIR does, rather than full courses of Management/Administration just for trainees, which face the risk of finding few attendees.
- Better structure of work, better work organization management.
6. If yes, which of the following topics are addressed in those courses (multiple answers possible):

- Radiology department organization
- Medical system organization in your country
- Radiologic responsibilities and risk management
- Hospital finance and administration
- Conflict management
- Structured radiology report
- Medical-legal implications of radiological practice
- Medical-economic aspects of radiology and health economics
- How to deal with patient complaints
- Difference between private practice & paid employment
- Cooperation with other clinicians and colleagues
- Career development
- Private practice management
- Managing your portfolio
- Information management and organization and radiology
- Motivating groups
- How to contact services

Other: It was all about different styles of leadership and not very specific to our hospital needs.

7. Which of the topics mentioned below would be most of interest to you (max. 5)?

- Radiology department organization
- Career development
- Radiologic responsibilities and risk management
- Cooperation with other clinicians and colleagues
- Information management and organization and radiology
- Structured radiology report
- Medical-legal implications of radiological practice
- Medical-economic aspects of radiology and health economics
- Medical system organization in your country
- Private practice management
- Managing your portfolio
- How to deal with patient complaints
- Difference between private practice & paid employment
- Conflict management
- Motivating groups
- How to contact services
8. How useful do you think these courses are or would be for radiology trainees?

![Chart showing course usefulness](image)

9. Do you have any suggestions regarding management and administration courses for radiology trainees?

I do think management and administration are very different in different countries, so this should be taken well into account for the organization of an international course. Such courses would be of great importance and should combine different aspects of management (time, risk, conflict) with basic financial and health economics knowledge, as a lot of our trainees will find themselves working alone or as chief radiologist in small hospitals.

- web courses
- Scientific research and how to organize a study
- Courses at this stage are most helpful when they are broad, well-rounded and generalised.
- Should be provided in an early phase of residency.
- more interactive courses
- The medical insurance companies offer some very good courses but they are quite expensive if not a member. It would also be useful to have lessons towards the end of training in how to set up a radiology service.
- It would be rather useful if such courses would be implemented in radiology training.
- Report templates and structured reporting sessions for trainees. I think for them the courses would be more attractive with reduced fee.

should be included in the trainees programme
9. Do you have any suggestions regarding management and administration courses for radiology trainees?

Courses such as leadership training, career development or how to setup a research team would be useful to my opinion.

You have to take responsibility for your own career. If you want these courses in Denmark there are several available besides the two mandatory. The union system also offers management of leadership training. Should be offered during ECR.

As said before I think that trainees should learn just the basics on Management/Administration topics, as there is few time during residency to accomplish all the training requirements. On the other hand specially keen and motivated residents about these topics should ideally be able to find courses and specific training.

To make such courses at the end of residency.

Courses should be attended by representatives of each country in order to pass on useful skills to radiology trainees.

I think that management of resources both human and technical are important skills that we need to develop, especially as future leaders.

During ECR2014/2015 would be good to take these courses!

It's need to be annually with invitations of Europe's radiology administration leaders. May be during ECR as a additional section.

10. Are management skills (Courses, MBA, etc.) required for application to leading positions?

Are management skills (Courses, MBA, etc.) required for application to leading positions?

- Yes: 51.4%
- No: 48.6%
11. Are management and administration topics integrated in your country's national training curriculum?

- Yes: 25.7%
- No: 74.3%

12. If yes, in which form are they integrated:

- Specific educational courses: 77.40%
- These topics are discussed during regular work activities: 55.60%

Other:
- Additional information: just minimally integrated through

Although Management/Administration training is included in the Radiology Curriculum in Spain, it varies a lot depending on the training centre. Some centres do have specific courses and some other (most) do not. SERAM-Spanish Society of Radiology has also specific voluntary courses on Management/Administration for trainees.
13. If through courses, are these courses mandatory for radiology residents?

- Yes: 71.4%
- No: 28.6%

14. What is the quality of training in management and administration in your national training curriculum?

- High: 71.6%
- Moderate: 28.6%
- Low: 0.0%
15. Is there information available on this subject through your country’s national society?

- Yes: 60.0%
- No: 40.0%

16. Are your management and administration skills appraised in any way during your training?

- Yes: 42.9%
- No: 57.1%
17. What management skills do you think you need most during your residency (max. 5)?

- Communication skills: 63.9%
- Time management: 59.7%
- Making decisions: 43.8%
- Problem solving: 39.2%
- Planning and organizing: 34.3%
- Public speaking: 33.1%
- Responsibility management: 31.4%
- Training and coaching: 29.9%
- Dealing with conflict: 29.6%
- Self management: 28.7%
- Understanding team dynamics: 26.8%
- Integrity: 25.8%
- Administrative and Financial Skills: 22.6%
- Networking and Influencing ability: 19.8%
- Self confidence: 19.0%
- Empathy: 12.7%
- Motivating people: 12.6%
- Delegating effectively: 11.9%
- Persuasion: 8.0%
- Leadership skills: 8.0%

18. Are you aware of (multiple answers possible):

- NCR Annual Scientific Meeting: 100.0%
- NER Postgraduate Courses: 64.7%
19. Have you ever visited a MIR course?

- Yes: 11.4%
- No: 88.6%

20. If yes, which MIR course have you visited?

- MIR Annual Scientific Meeting: 20.0%
- MIR Postgraduate Course: 30.0%
21. If yes, what is the most important aspect you learned at these courses (max. 5)?

<table>
<thead>
<tr>
<th>Aspect</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Innovative and new technologies affecting Health</td>
<td>68,00%</td>
</tr>
<tr>
<td>Food, quality issues and programs to improve nutrition</td>
<td>58,00%</td>
</tr>
<tr>
<td>Health economics aspects of Health, hospital and health</td>
<td>58,00%</td>
</tr>
<tr>
<td>Health Technology evaluation</td>
<td>58,00%</td>
</tr>
<tr>
<td>Communication management</td>
<td>58,00%</td>
</tr>
<tr>
<td>Leadership</td>
<td>58,00%</td>
</tr>
<tr>
<td>Decision support through new information development</td>
<td>28,00%</td>
</tr>
<tr>
<td>Integration aspects and reformant</td>
<td>28,00%</td>
</tr>
<tr>
<td>Management of Information</td>
<td>28,00%</td>
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<tr>
<td>Contract development</td>
<td>28,00%</td>
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<tr>
<td>Management in health department</td>
<td>28,00%</td>
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<tr>
<td>Nutritional epidemiology risks management and policy</td>
<td>0,00%</td>
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<tr>
<td>Research opportunities in Health</td>
<td>0,00%</td>
</tr>
<tr>
<td>Conflict management</td>
<td>0,00%</td>
</tr>
<tr>
<td>Managing self development</td>
<td>0,00%</td>
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</tbody>
</table>

22. If no, what is the reason you’ve never visited (more than one possible answer):

<table>
<thead>
<tr>
<th>Reason</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>I was not aware about these courses</td>
<td>58,00%</td>
</tr>
<tr>
<td>I don’t have a scholarship to go there and the courses is expensive</td>
<td>28,00%</td>
</tr>
<tr>
<td>It’s not my priority</td>
<td>33,33%</td>
</tr>
<tr>
<td>My sociology department doesn’t leave me enough time</td>
<td>18,75%</td>
</tr>
</tbody>
</table>
23. Do you think these courses are valuable to radiology trainees?

![Pie chart showing 94.3% Yes and 5.7% No.]

24. Do you have any other suggestions on management and administration training for radiology trainees?

I think management and administration courses should always be part of a radiology training curriculum. Interested trainees should get the opportunity to develop these skills further.

Career development strategies should play an important role in management training and should be more discussed by both the national societies and ESR/MIR.

I think that would be interesting organize obligatory national courses on management and administration.

Courses should be practically applicable in a day to day setting.

more e-learning courses

We all need to learn how to manage the demands and limitations on service in our departments and understand how to make effective service changes.

Organising MIR courses aimed at residents could be rather beneficiary.

May be it would be useful to have special focus MIR session during ECR suitable for trainees. By the number of attendants it’s possible to check whether it’s interesting for them.

At the moment I do not have.

We have internal management course in our university hospital. Although these courses are not specific for Radiology, they cover a variety of management skills and thus are very useful.

Question 21 is wrong scientifically, as you cannot vote; Don’t know. Be this way of asking, you will get bias.

And I think you want to get more people to answer yes, as, I feel, the questionary is made to give this picture. As before, Your need to take responsibility for this yourselves, if you want more than in the mandatory courses in Denmark - which is ok be my.
24. Do you have any other suggestions on management and administration training for radiology trainees?

Should be offered during ECR.

MIR courses are of course valuable for trainees, but specifically for trainees who have special interest in these topics. I think most of the topics/lectures of MIR courses are beyond an average resident's interest and beyond the basic training curriculum: they are too specific topics and too much intended to radiologists with academic/leading positions, not really for trainees.

Scholarship for the courses, all covered.

I think that these courses should be offered at the end of training.

It would be nice to take these courses during ECR and for Eastern Europeans would be free that would be nice. Thank you very much!

It needs to invite nation delegates in MIR courses for spreading information about this in their own countries and national societies.

CONCLUSIONS