### Refugee Imaging: Challenges in Turkey

**16:45 Uhr**

Referent(en): Calli M, Alfatli A

### Mass Casualty Patients: Imaging of Terror and Assault Victims

**17:05 Uhr**

Referent(en): Wirth S

**Kurzfassung:** Terror and assault victims are a subgroup of Polytrauma patients. Victims are often in the age group below 40 years. As time is particularly related to outcome, diagnoses have to be provided within the golden hour and also important interventions or surgical treatment should at least have been begun within this time span. The important case of mass-casualty incidents (MCI's) in a terror or assault setting at least multiplies all these challenges. Due to its rare and sudden occurrence there is almost no clinical routine and only few guidelines, particularly concerning trauma room workflow and possibly more dedicated CT protocols with even more focussed time issues.

Wide availability, fast and exact diagnosis as well as increased survival have established whole-body CT as the key modality for initial diagnostic polytrauma service. However, the large amount of whole-body CT images requires solutions to ensure efficient and timely interpretation as well as immediate distribution of the report and the images.

Trained staff, optimised and standardised processes as well as fundamental knowledge of key injuries that require urgent treatment are indisputable prerequisites. Of course the injury pattern depend on the type of attack.

Up to six patients may be served per hour and per CT scanner by using a standard whole body CT polytrauma protocol. Dedicated CT triage protocols may even increase this number and with this, radiology is not assumed to be a bottleneck in MCI service. Special solutions were suggested in order to avoid scenarios of patients being faster at endpoints than their images.

### Lernziele:

- to understand similarities and differences compared to 'normal' polytrauma handling
- to motivate you and your team train, use and optimise standards
- to give examples of injury patterns and insights into the radiological reality of MCI's

### Foreign working expericences

**17:30 Uhr**

Referent(en): Akpinar B, Linsenmaier U, Mentes M
**Kurzfassung:** Exploring a different culture gives some privileges to the individuality with a new eye and perspective to understand the situations in a different way. It helps to learn and know your own culture from a second part as a different person.

Professional part of being out of your comfort zone and trying to be a part of a new and completely different area makes you stronger and confident on your rough way.

It is a robust achievement to spend your time to work in a special subject within a qualified health center. It motivates you to learn more that leads you to specialize in a field. All these experiences give you a new expanded notion in the professional life as “to know the fundamentals and try to perform the best”.

**Lernziele:** Overview the various aspects of being a foreigner and an employee

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<thead>
<tr>
<th>RöKo INT 305.4</th>
<th>Panel Discussion: Migration, Integration, Gender Aspects, Cultural and Lifestyle Challenges</th>
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<tbody>
<tr>
<td>17:50 Uhr</td>
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