



Teaching and Research in Disaster Medicine in Scandinavia

Anders Rüter MD, PhD
Centre for Teaching and Research
in Disaster Medicine Linköping Sweden



Teaching and Research in Disaster Medicine in Scandinavia

The aim of this presentation is not present all
Disaster Medicine research and training in
Scandinavia.....

....maybe just go looking for it!



Is there a link between research and training?

Disaster medicine:

...is a new discipline

...is not adequately defined

...has little evidence (but lots of opinions)

...has sparse with research

...has limited research methodologies available



Teaching and Research in Disaster Medicine in Scandinavia

Is there a link between research and training?



Is there a link between research and training?

Evidence
Knowledge
Theories
Hypothesis



Real incidents
and/or disasters



Is there a link between research and training?

Evidence
Knowledge
Theories Education
Hypothesis Training



Policies Real incidents
Implementation and/or disasters



Is there a link between research and training?

Results from research should be possible to follow-up; quantitatively and qualitatively

Evidence
Knowledge
Theories
Hypothesis

Education
Training

Policies
Implementation

Real incidents
and/or disasters



How does this look from a Scandinavian perspective?

Evidence
Knowledge
Theories
Hypothesis

Education
Training

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How does this look from a Scandinavian perspective?

10 questions regarding education/research

Representatives from:

- Denmark: Dansk katastrofmedicinskt Selskap
- Norway: Norsk förening för traumatologi och katastrofmedicin
- Sweden: My self



How does this look from a Scandinavian perspective?

What is the definition of Disaster Medicine?

- Denmark: Interdisciplinary discipline consisting of doctors nurses and others. Including medical staffs performance both professionally and administrative during disaster and big accidents

- Norway: Definition of a Disaster

Crises or disaster situation where available resources and normal management is not enough and additional resources are needed.

- Sweden: Disaster Medicine is not defined



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First issue

Common definition?

Implications for:
Research?

Education/training?



How does this look from a Scandinavian perspective?

Are there any national (or other) centres for teaching and training in Disaster medicine?

- Denmark: No
- Norway: No
- Sweden: Four: Gothenburg, Linköping, Stockholm Umeå + regional centres



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Next issue

Is there a need?

National associations?



How does this look from a Scandinavian perspective?

”if available place, individuals from other agencies and from the other Nordic countries are welcome to participate”

The Swedish National Board of Health and Welfare

KMC (Linköping)

National courses* International courses*

Total students	3312	180
Norwegians	0	1
Danish	0	0

*in Disaster medicine



European Master in Disaster Medicine





How does this look from a Scandinavian perspective?

What should training focus on?

- Denmark: Pre-hospital, hospital
- Norway: Pre-hospital, hospital, regional
- Sweden: Pre-hospital, regional, hospital



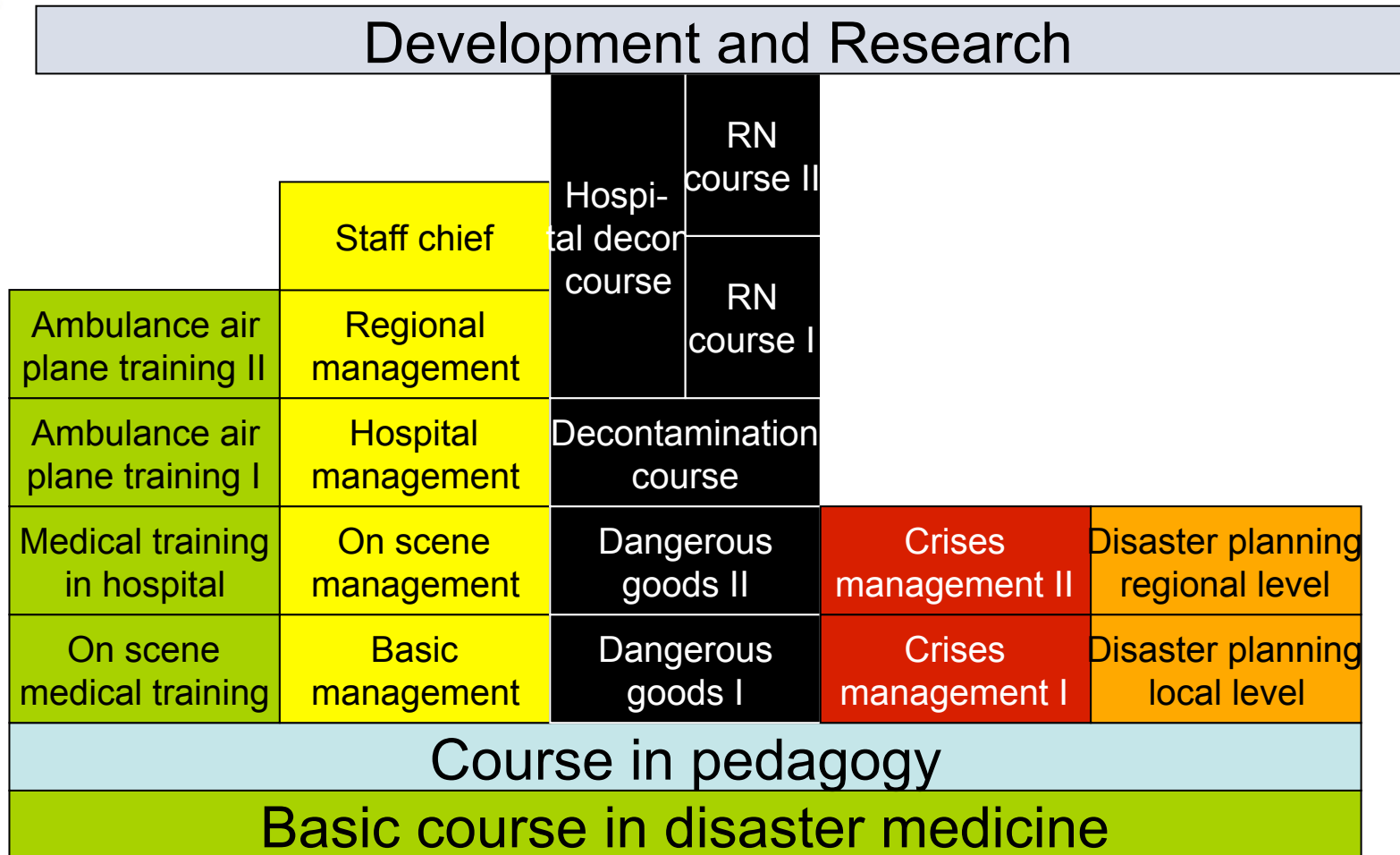
How does this look from a Scandinavian perspective?

Training on national level

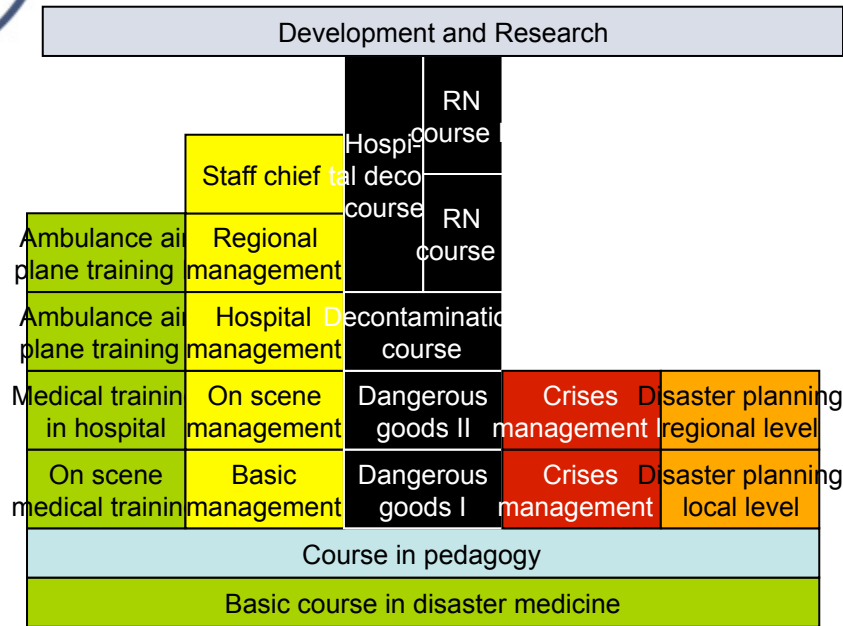
- Denmark: Chief emergency physician
- Norway: Sivilforsvaret (external courses for medical staff)
- Sweden: Management; prehospital and regional
“Staff chief”
CBRN etc.
in total 21 different courses



Educational model



Swedish National Board of Health and Welfare. Education in Disaster medicine preparedness. Recommendations for planning. Art number 1007-130-9



Policies
Implementation

Real incidents
and/or disasters





How does this look from a Scandinavian perspective?

Training on national level

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“Staff chief”
CBRN etc.
in total 21 different courses

Why this difference?



How does this look from a Scandinavian perspective?

Laws or regulations on training in Disaster medicine

- Denmark: No
- Norway: No
- Sweden: Regulation: Regularly
General advice: Yearly

Fredstida katastrofmedicinsk beredskap och planläggning inför höjd beredskap SOSFS 2005:13 (M) Föreskrifter och allmänna råd



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Does this make it easier?
Is this practical?
How do you follow-up?

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How does this look from a Scandinavian perspective?

What should be the focus of Disaster Medicine

- Denmark: Pre hospital
- Norway: No specific
- Sweden: Regional management
Surge Capacity



How does this look from a Scandinavian perspective?

Knowledge of names of researchers

- Denmark: No
- Norway: Please contact Ullevål University Hospital
- Sweden: In Umeå; Gotheburg, Stockholm and Linköping



How does this look from a Scandinavian perspective?

Google search (April 15th 2009):
Disaster Medicine Research + projects +

- Denmark: 3 references; no project description
- Norway: 6 references; no project description
- Sweden: 33 references; no project description

One reference (for all three countries) described the good cooperation in Scandinavia.....

Which was “googled” with: 0 references other than to the article it self (?)



How does this look from a Scandinavian perspective?

Google search (April 15th 2009):
Disaster Medicine Research in.....

- Denmark: 0
- Norway: 0
- Sweden: 0



As a validity test of search terms:

Google search (April 15th 2009):
Hypertension Research in.....

- Denmark: 76 400 references
- Norway: 50 400
- Sweden: 121 000



How does this look from a Scandinavian perspective?

Is there a need for a forum for disaster medicine research and/or education in Scandinavia?

Do the Scandinavian countries have anything in common within the field of Disaster medicine?

How do we make disaster medicine research more visible?



How does this look from a Scandinavian perspective?

....positive development.....

SSAI - course on advanced emergency medicine
(Scandinavian Society for Anaesthesiology and Intensive Care Medicine)

Four modules
One in “each” Nordic country



How does this look from a Scandinavian perspective?

Does Disaster medicine exist at all or is it a part of other disciplines?

Emergency medicine?

Anaesthesiology?

Surgery?

.....



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Thank you for your attention!

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Centre for Teaching and Research
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Anders.ruter@lio.se

www.lio.se/kmc



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