



GÖTEBORGS UNIVERSITET

Caring in a High Tech World

Interventional Radiology

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Northern Europe

North Atlantic



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Background

- Technical development in the Interventional Radiology (IR) field is rapid
- Possibilities to treat vascular disease and injuries has expanded vastly through IR

(Tarolli, 2007)

Background

- Open surgery is replaced by interventions guided with radiology
- Common puncture site is arteria femoralis
- IR is performed under light sedation
- (Tarolli. 2007; Patatas & Koukkoulli. 2009)



The interventional team

During IR the team consists of one or two physicians and two radiography nurses

Depending on the procedure the team add nurses specialized in other areas

Collaboration

- Team building is essential and improves patient safety
- Professional responsibility to provide safe care in a multidisciplinary setting
- Respect for each profession's area of competence

(Silén-Lipponen et al. 2005; Kixmiller. 2006; Atteberry. 2007)

Patient information

- Correct verbal and written information
- Vital for patients to have prior knowledge of the procedure
- Interpreter for patients with foreign languages

(Murphy. 2001)

Patient safety

- Cooperation and communication between the radiology unit and the ward
- Thorough knowledge at the ward about the procedures
- Correct preparation prior to the procedure

(Murphy. 2001; Kuroda. 2005; Malcolm. 2006)

Patient safety during IR

- Consideration of radiation protection
- Allergic reactions and other medical emergencies
- Infection control, sterile practice
- Sharp instruments, blood and body fluids

(Malcolm. 2006; Kirschner, Orłowski & Deyo. 2009)

Caring in a High Tech World

- Small caring gestures
- Professional appearance
- Individualized care
- Adequate information

(Gulanick et al. 1997; Lundén, Bengtson & Lundgren, 2006)



Caring in a High Tech World

Sensing and responding to patients' needs is dependent on a trusting atmosphere and dialog with the patient

(Edvardsson. 2005; Mitchell & Flin. 2008; Lundén, Lundgren & Lepp. subm.2011)

Problem area

How to create a trusting atmosphere and dialog with the patient?

What is a trusting atmosphere?

How to create a dialog in a short time in a High Tech World?

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Thank you for your attention!

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