



# HÄLSOHÖGSKOLAN HÖGSKOLAN I JÖNKÖPING

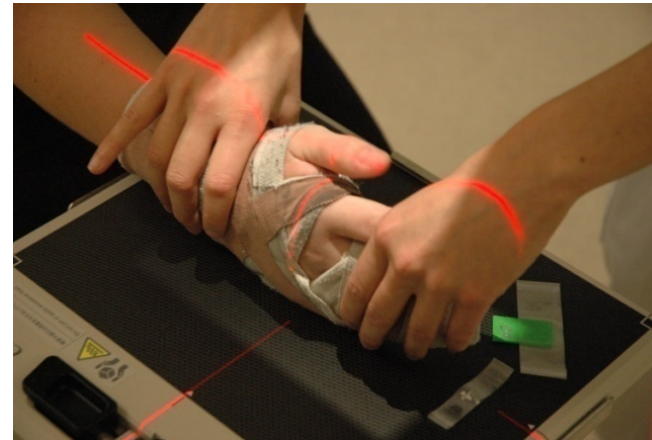


HÖGSKOLAN I JÖNKÖPING

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## Röntgensjuksköterska och doktorand

- En möjlig karriärväg ?
- En nödvändig karriärväg?
- Varför forskning?
- Är forskning viktig?



## Vad betyder forskning?

Produktion av kunskap – produkt av vetenskaplig verksamhet.

Systematiskt och metodiskt inhämtande av och klassificering av data som leder till organiserad och verifierbar kunskap.

Forskning bör ha en teoretisk förankring.

## Vad innebär forskning?

Kritiskt förhållningssätt – systematiskt pröva hållbarheten och sannolikheten.

Evidensbasering – tillämpning av bästa tillgängliga vetenskapliga bevis som underlag för beslut – till exempel inom hälso- och sjukvården.



## Vem är då jag som forskar?

Kvinna

Medelålders

Mamma

Dansk/svensk

Röntgensjuksköterska

Gillar utmaningar

Tycker om att resa

## Att forska är en spännande resa....



## Hur kan resan se ut?

Inskrivning i närliggande ämne –

omvårdnad, vårdvetenskap, medicin, pedagogik...

Forskningsplan – forskningsfråga

Kurser - obligatoriska och valbara - antal poäng varierar

Datainsamling

Analysarbete

Artikelskrivning

Sammanställning/kappa

## Hur kan vardagen se ut?

Doktorandstudier

Klinisk tjänstgöring

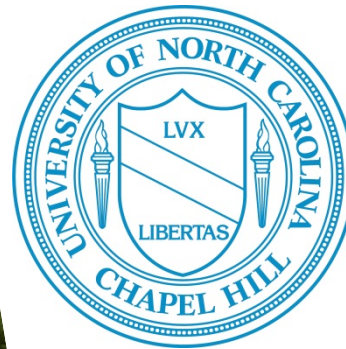
Undervisning

Söka forskningsmedel och stipendium

Konferenser – sprida kunskap



# En lite avstickare under forsknings-resans gång



## Exempel från verkligheten Från studie till resultat

Intervjuer med barn 3-15 år

Akut röntgenundersökning vid frakturfrågeställning

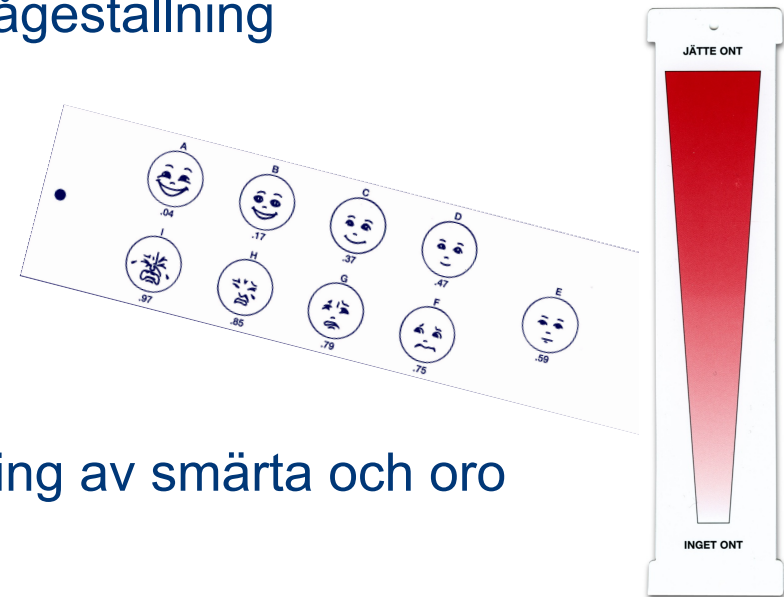
Barnens egna upplevelser

Kvalitativ innehållsanalys

Resultatet leder till ny studie

Observationer och barnens självskattning av smärta och oro

Deskriptiv statistik



## Vilken kunskap kan forskningen bidra med?

De yngsta barnen upplever oro i samband med undersökningen

De äldre barnen upplever oro relaterat till undersökningens utfall

Oavsett ålder är upplevelsen av smärta ett problem i samband med en akut röntgenundersökning

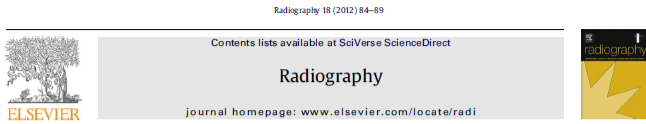
Smärtnivån är över en nivå där barnen skulle erbjudas smärtlindring

Smärtnivån är inte signifikant relaterat till diagnos om fraktur eller inte

# En färdig artikel

## Forskningsresultatet

- kan användas i det dagliga arbetet i klinisk och akademisk verksamhet
- kan bli en viktig del när vården ska byggas på evidens.



### Children's experience of going through an acute radiographic examination

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#### ABSTRACT

Children's experiences are examined. The aim of the study was to explore the experience of patients included in a radiographic examination. The study was conducted in a nearby facility. The videoape together with qualitative content analysis – "feeling" categories were "pain" the future and consequences. The results reveal examination was as connected to whether complications.



### Children's pain and distress while undergoing an acute radiographic examination

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#### ABSTRACT

Pain has been highlighted as a main concern for children in conjunction with an examination. The aim of this study was to further investigate children's pain and distress while undergoing an acute radiographic examination. The study comprised 29 participants with an age range of 5–15 years who were injured to an acute radiographic examination of the upper or lower extremity when the que fracture. The Coloured Analogue Scale (CAS) and the Facial Affective Scale (FAS) reporting scales to measure the children's pain and distress. The Face, Legs, Activity, Ability Behavioural scale (FLACC) was used as an observation tool to assess behaviour pain in children. Descriptive statistics were used when analysing the scores, and the results show experience pain and distress in conjunction with a radiographic examination after an i correlation was used to compare variables, and significant correlations were obtained reported pain and the observed pain behaviour. Fisher's Exact test was used to com when using the cut-off 3.0 on the self-reporting scale no significant correlation was four pain reported by children diagnosed with and without a fracture. No significant correla concerning the self-reported distress and pain either, regardless of whether it was a n whether a parent was near during the examination. © 2012 The College of Radiographers. Published by Elsevier Ltd. A

## ARTICLE IN PRESS

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### Will it Hurt? Verbal Interaction between Child and Radiographer during Radiographic Examination<sup>1</sup>

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**Key words:**  
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Radiographic examination;  
RIAS

This study investigated the nature of verbal interactions between child, parent and radiographer and the extent to which it varied as a function of the child's age. The participants were 20 female radiographers and 32 children (3–15 years) examined for acute injuries. The verbal interactions during the examination were video recorded and analyzed using the Roter Interaction Analysis System (RIAS). Results indicated that 80% of the verbal interaction was accounted for by the radiographer, 17% by the child and 3% by the parent. The distribution of utterances varied with regard to children's age. © 2013 Elsevier Inc. All rights reserved.

## Röntgensjuksköterska och doktorand

Åter till frågorna:

- En möjlig karriärväg ?
- En nödvändig karriärväg?

**Lycka till i ditt val av karriärväg**

