

# Möjligheter och utmaningar med nya generationens 360°-SPECT/CT-kameror

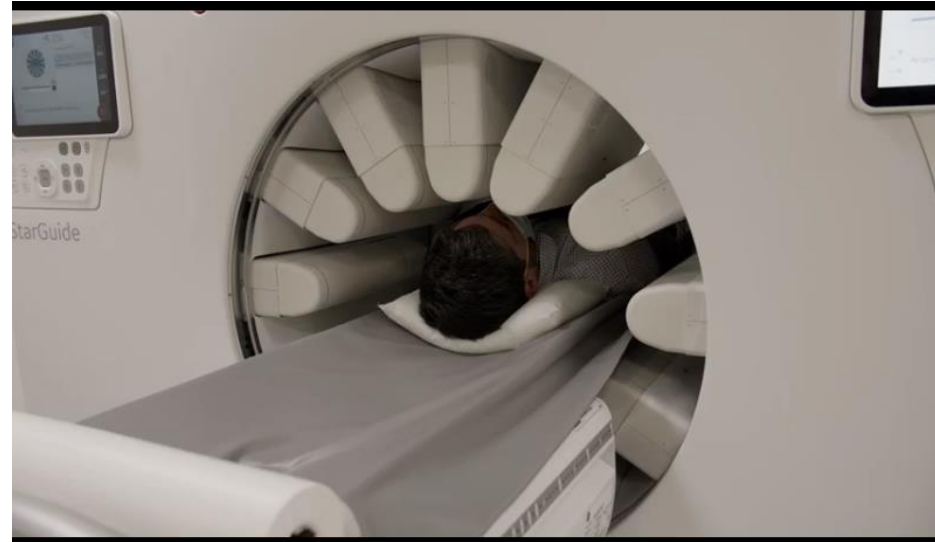
Hur har det gått vid SUS?

Elin Trägårdh, Skånes universitetssjukhus

# Jäv

- Inga

# Upphandling: GE Starguide



Källa: GE

# Plan

- Installation
- Mätningar
- Utbildning
- Dubbelundersökningar
- Optimering
- Valideringsrapporter
- Möten med GE varannan vecka

# Dubbelundersökningar

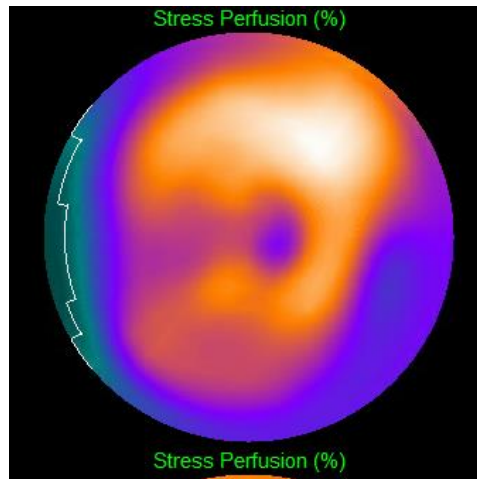
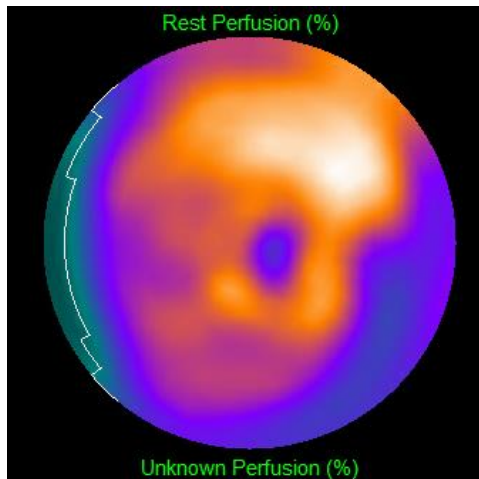
- Myokardscintigrafi  $\approx$  50
- Skelettscintigrafi  $\approx$  20
- Lungscintigrafi  $\approx$  30
- MIBG hjärta
- Amyloidos

# Myokardscintigrafi

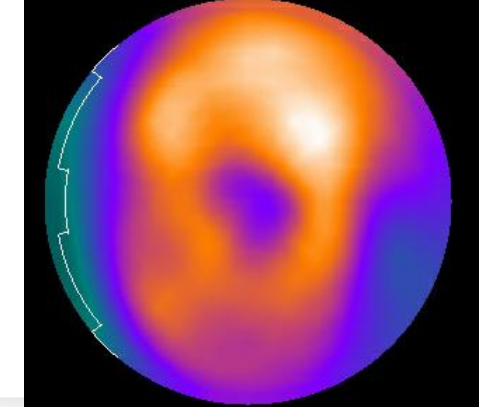
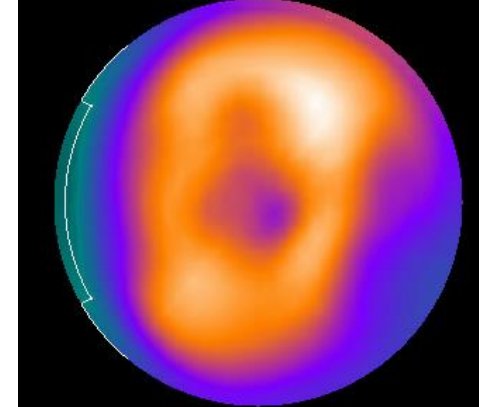
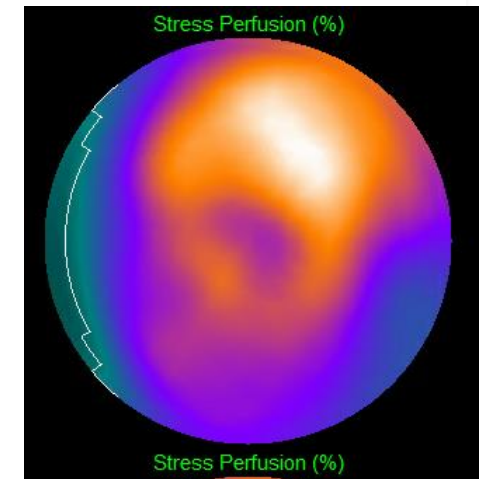
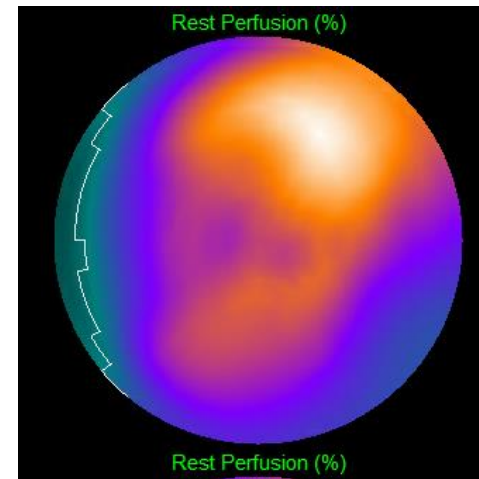
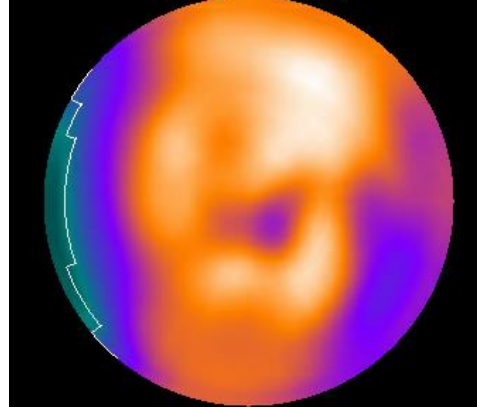
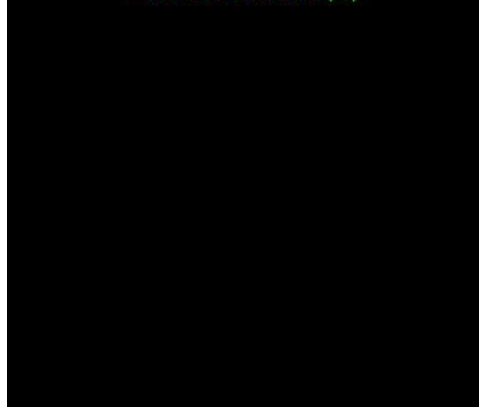
GE 530

GE StarGuide

NC/Supine



AC/Prone



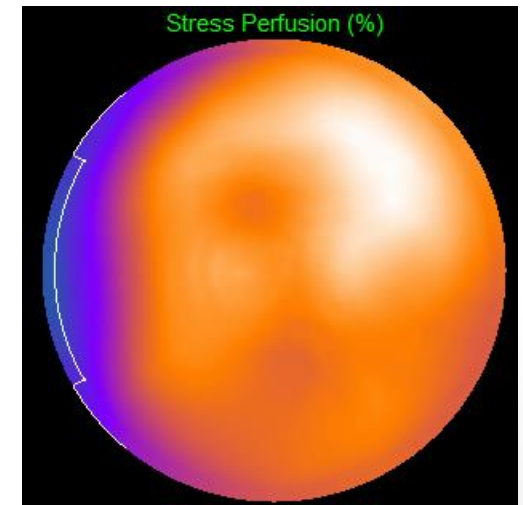
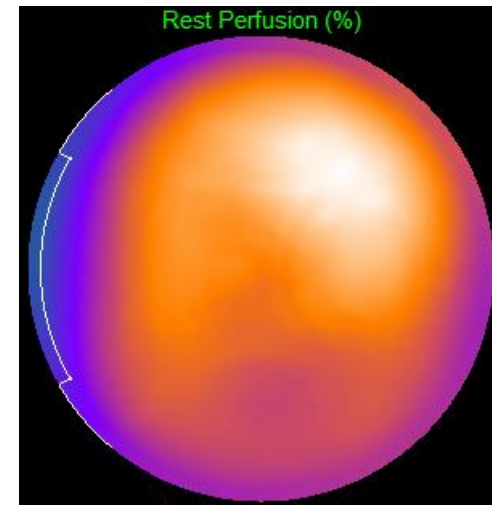
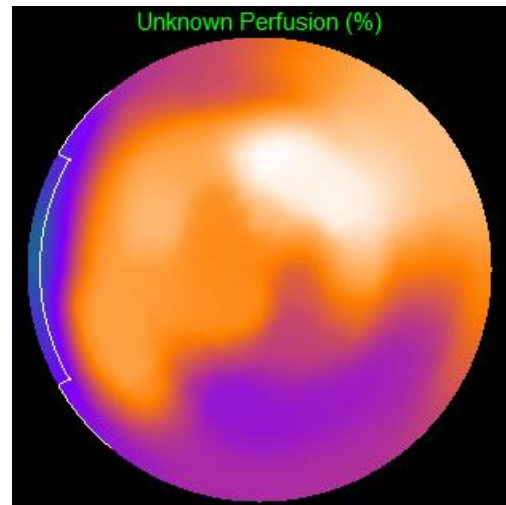
# Myokardscintigrafi

GE 530 stress

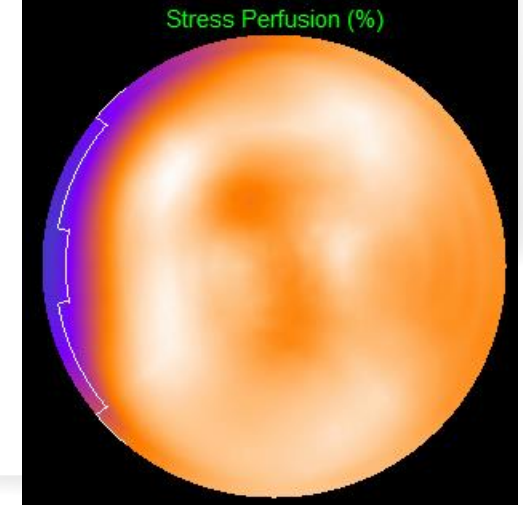
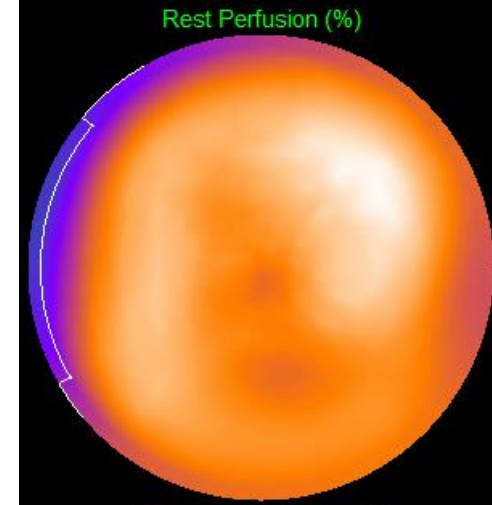
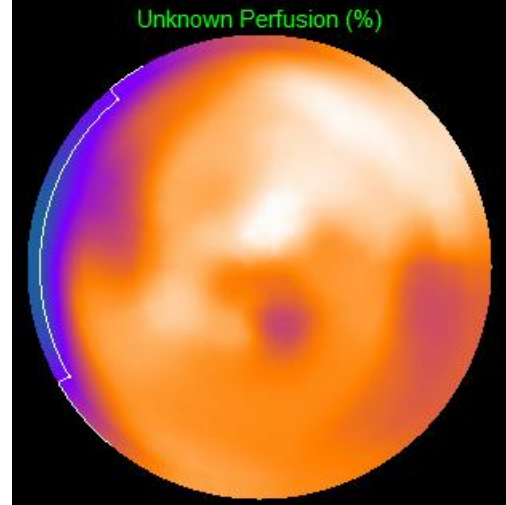
StarGuide rest

StarGuide stress

NC/Supine



AC/Prone



# Myokardscintigrafi

- Jämförelse EF, volymer och perfusion Starguide vs 530c
- 29 patienter
- Lyssna på resultat på fredag!



# Skelettscintigrafi

Planar Discovery 670

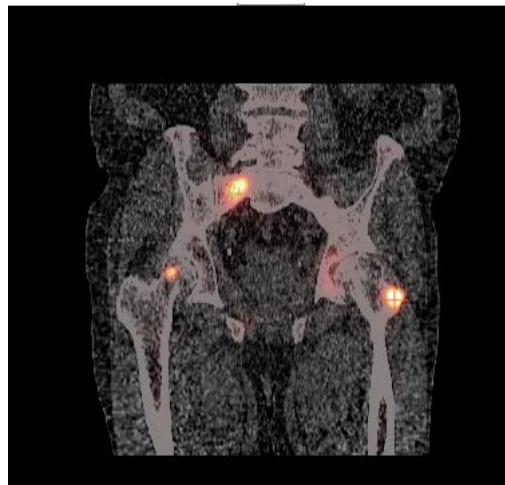
Pseudo planar 5 min/BP

Skelettscint HK  
Wed Mar 09 2022 11:38:29  
Helkropp  
Helkropp - ANT



# Skelettscintigrafi

SPECT/CT GE 570



SPECT/CT Starguide 5 min/bp



# Optimering



Posterior



Posterior



Posterior



Posterior



Posterior



Posterior

8 min &  $\beta=0,3$

6 min &  $\beta=0,3$

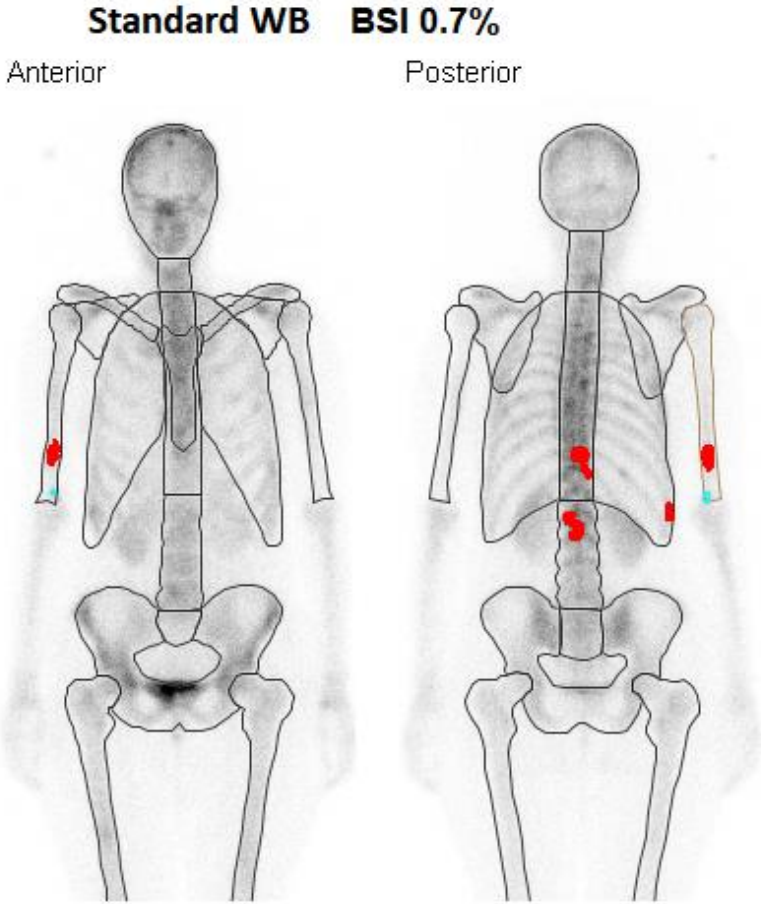
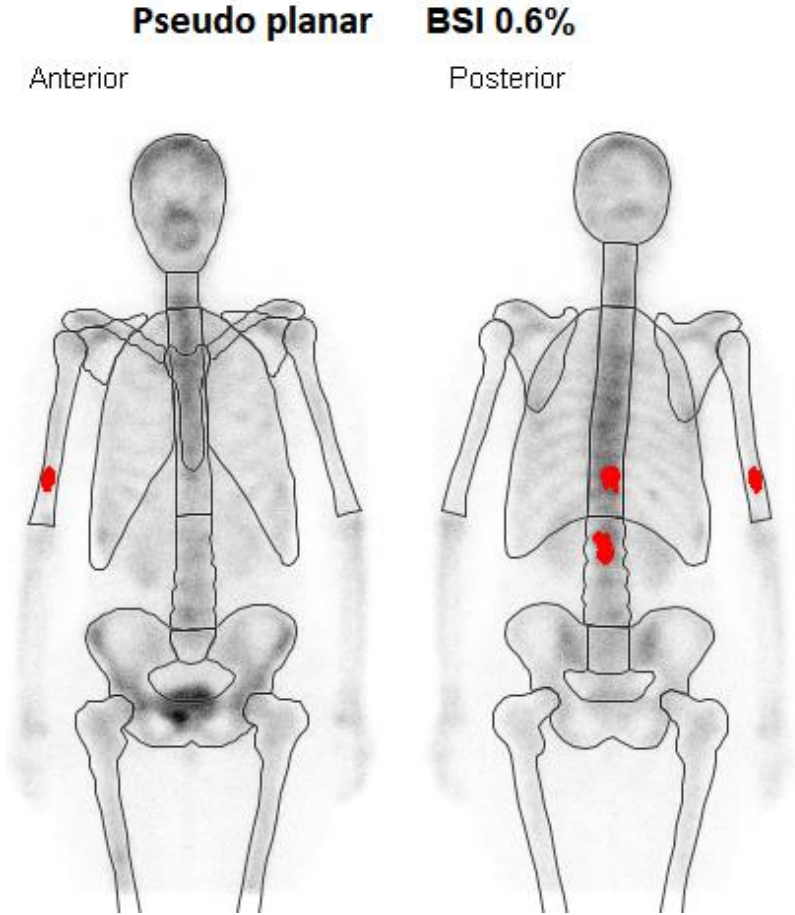
4 min &  $\beta=0,3$

4 min &  $\beta=0,5$

3 min &  $\beta=0,3$

3 min &  $\beta=0,5$

# Bone Scan Index



# Nästa steg

- Installation Malmö
- Fortsatt optimering
- Undersöka score/index: MIBG hjärta, amyloidoscintigrafi, skelett
- Andra undersökningar: paratyreoidea, tyreoidea, DMSA...
- Dynamisk insamling: renografi, myokardscintigrafi