

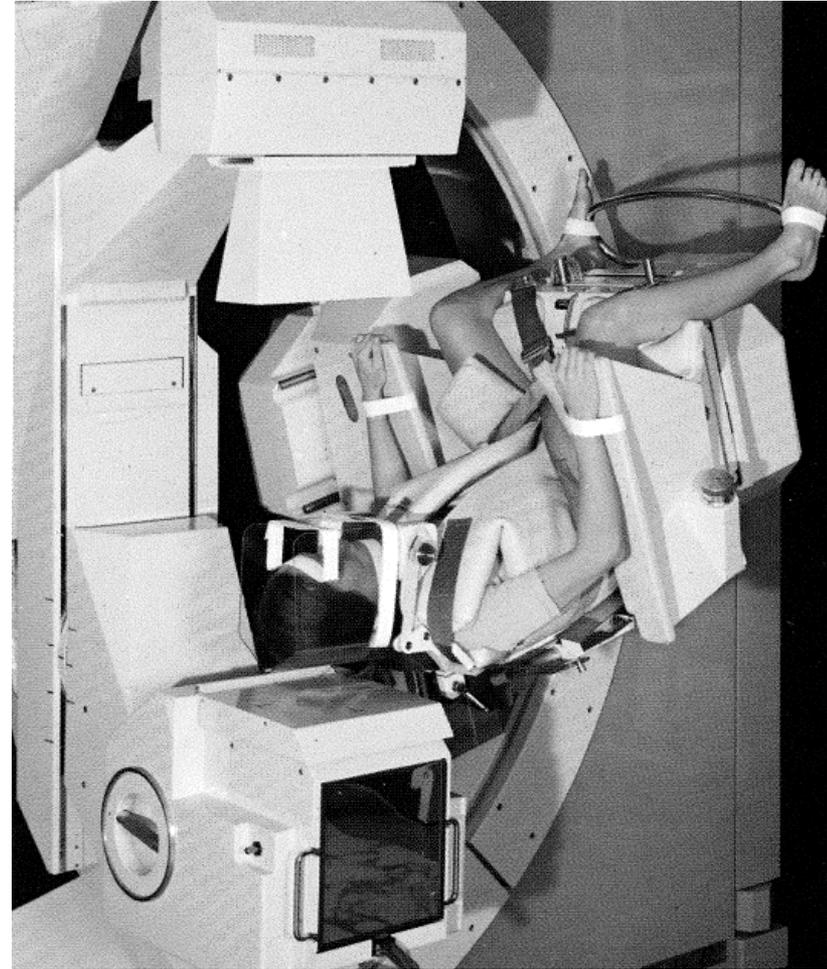
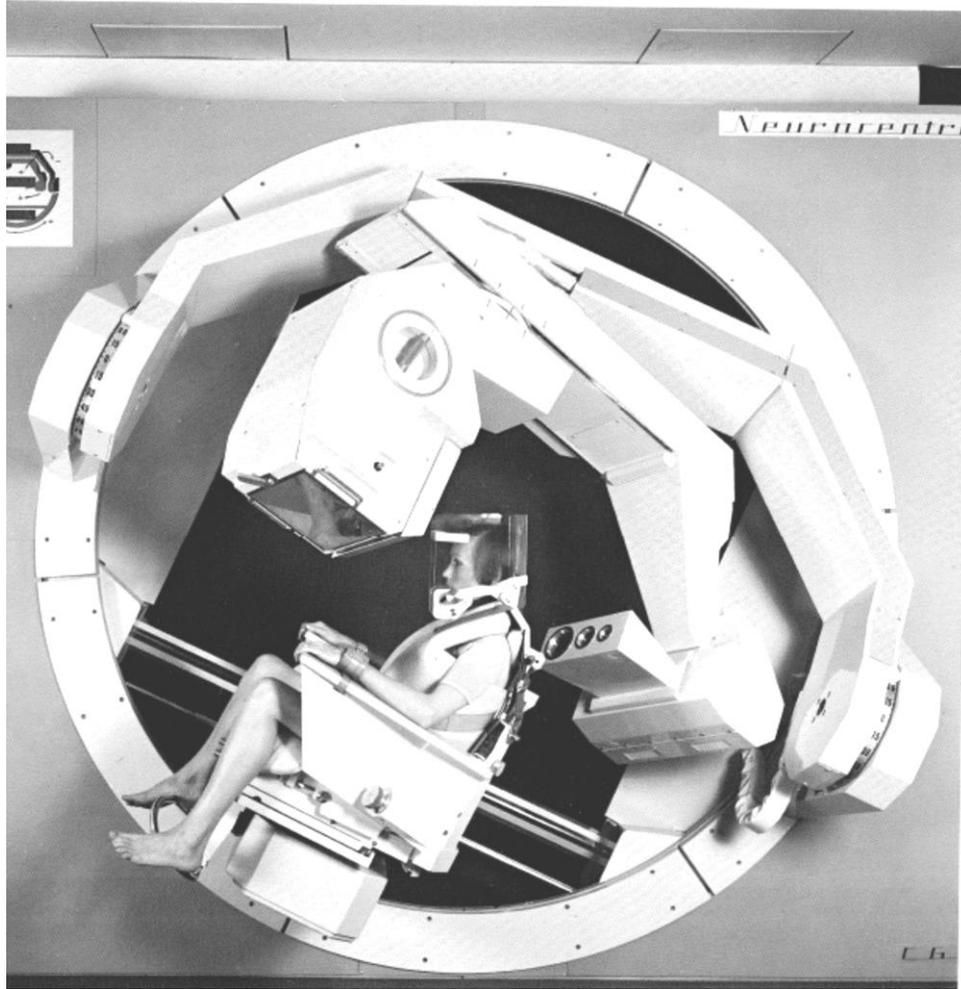


Lucas Joseph

Surgical Robotics 2015

DGS Robotics Activities overview

GEHC Buc a long story in Robotics



Combining entertainment and Imaging system

DGS Products Portfolio

Interventional



Cardio/ Angio

Neuro

Hybrid OR

Women's Health



Mammo

Densitometry

Biopsy

Radiography



Fixed Rad



Mobile

Fluoroscopy



Classical



Remote

DGS owns 75 % of GEHC Motions ...

Ecosystems

BUC



- > 1500 people
- > 400 engineers - ~ 40 Robotics HW & SW
- 5 Engineering teams : Interventional – Women Health – Xray tube – HV Generators - AW
- Interventional & Mammography products factory - > 1000 units/y
- Xray Tube and HV Generators factory

Academics



Partners

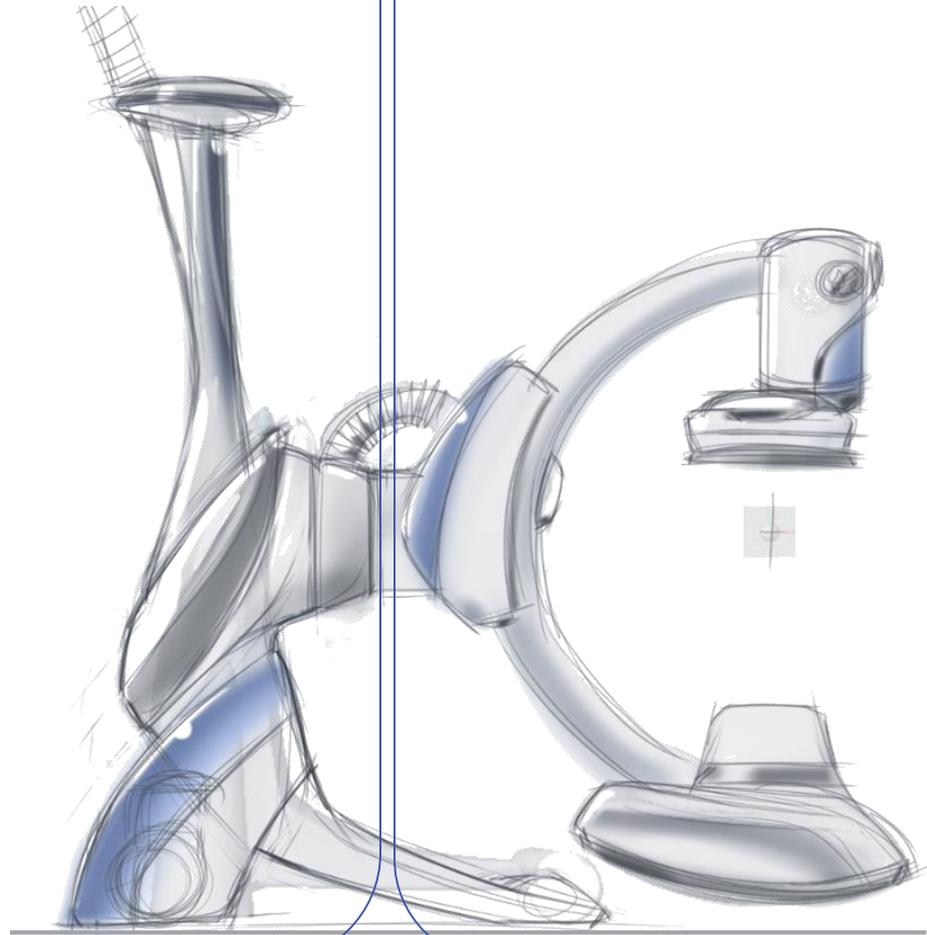


Discovery 730 based on Robot technology

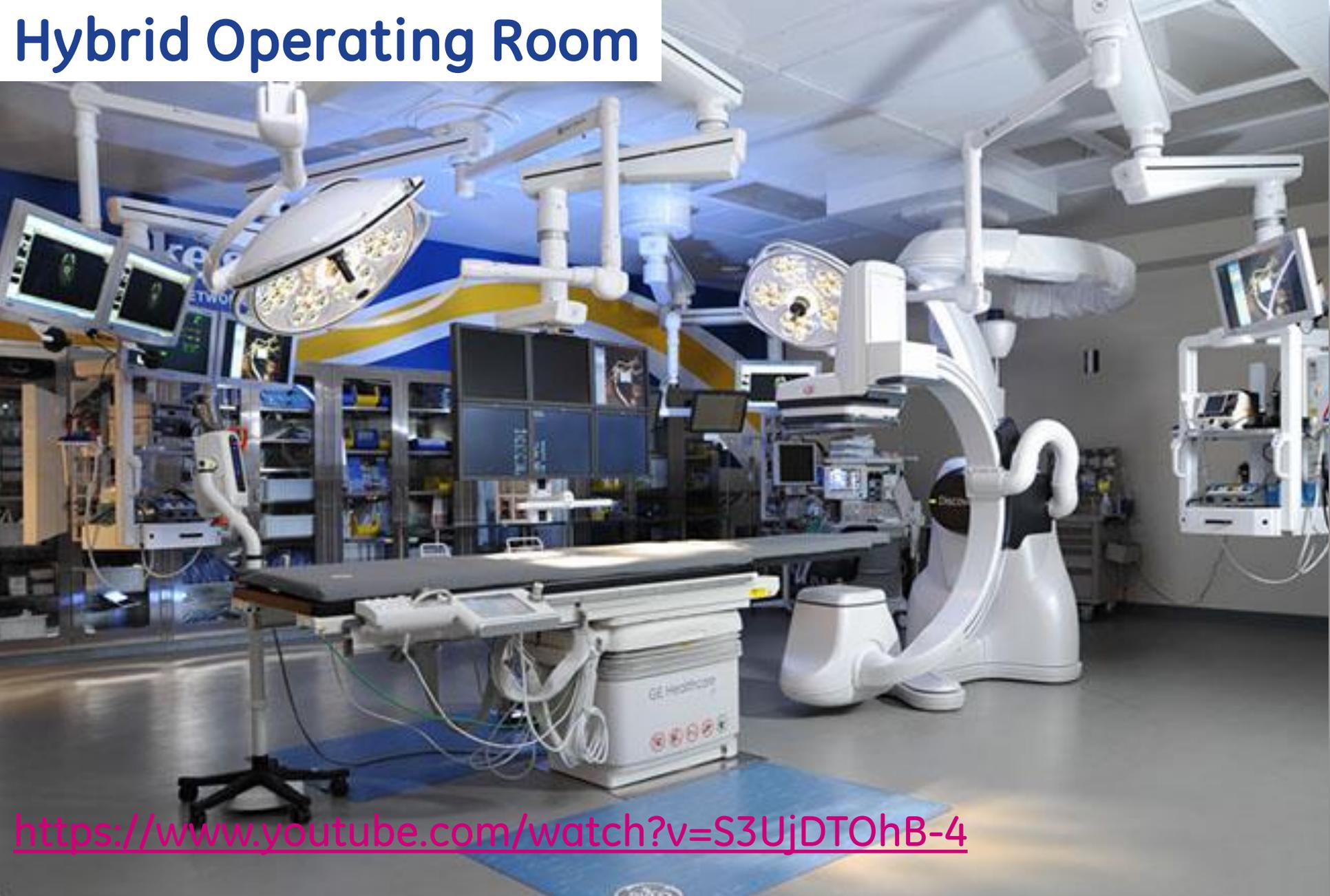
Automated guided Vehicle



Imaging System



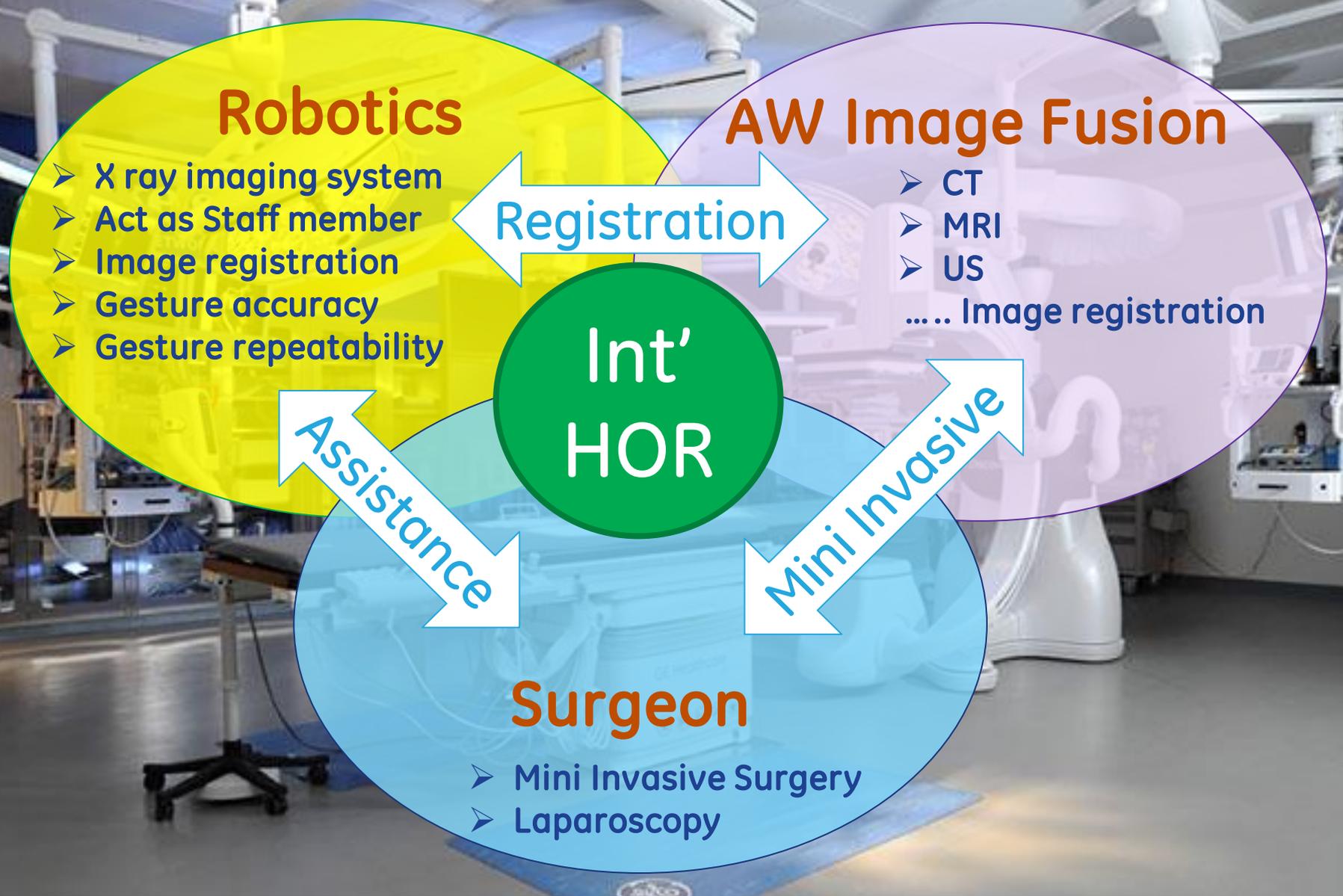
Hybrid Operating Room



<https://www.youtube.com/watch?v=S3UjDTohB-4>

Designed for Open or Mini Invasive Surgery

Beyond DGS Current Business ... HOR opportunities

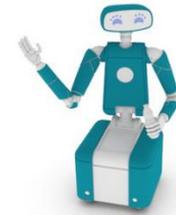


Hybrid OR the future of the Surgery

Robotics Focus Summary

Safety : Collision detection

- Robots “skin”



Navigation : Call me/ Follow me

- Laser, Vision, Voice,



Robotics Arm

- Biopsy, Complex trajectories.....



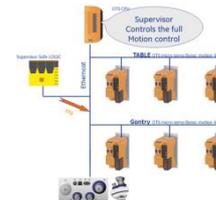
Mobility

- Patient Access, Flexibility.....



Motion Control

- DGS Platform , VCP , Service ,



Thank you for your attention