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sense and simplicity

The Hybrid OR



Hanneke Naus – iXR Business Development Manager Hybrid OR

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The Hybrid OR



1. High end Imaging
2. Room design challenges

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European data



Quote:

"The optimal environment for TAVI should be spacious and sterile, and feature high-quality imaging equipment, and hemodynamic monitoring and recording capabilities. **A hybrid suite is ideal as it fulfils the role of both an operating room and a catheterization laboratory.**"

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The Hybrid OR



1. High end Imaging
2. Room design challenges

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Cardiac: Main Products and Advanced Tools



Tools



StentBoost



Allura 3D-CA



CT TrueView

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Vascular: Main Products and Advanced Tools



Monoplane
FD20



Biplane
FD20/20, FD20/10

3D Tools



Allura 3D-RA



Dynamic 3D
Roadmap



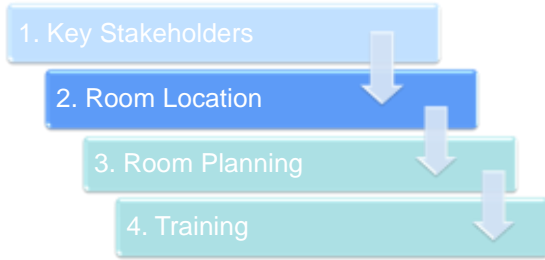
XperCT



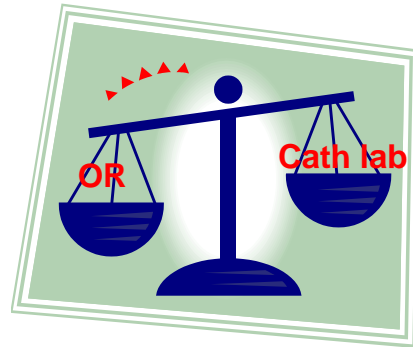
XperGuide

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Location
Room Comparisons

Specs	Interventional Lab	Cardiac OR	Hybrid OR
Area (sq. ft.)	400-600	600-750	700-1000
Ceiling Height (ft)	10'	10'	10'-12'
Ceiling Type	Lay-in type permitted	Monolithic, scrubbable, capable of withstanding chemicals	Monolithic, scrubbable, capable of withstanding chemicals
Ceiling Structural Reinforcement/Design	Support for ceiling mounted C-arm	Support for boom-mounted equipment, sufficient space for HVAC duct work	Support for boom-mounted equipment, and uni-strut reinforcement for ceiling mounted C-arm, sufficient space for HVAC duct-work
Room Shielding	Lead Lined	N/A	Lead Lined
Optimal Temperature (F)	70-75	68-73	68-75
Air Exchange Rate	20-25	15-20	20-25
Illuminance (Lux)	300	500-1000	500-1000
Special Lighting Needs	Dimmable, ambient lighting, minor surgery task light	External surgical field, fiber optic, microscope illumination systems	External surgical field, fiber optic, microscope illumination systems, dimmable, ambient lighting
Electrical Outlets	8	24	>24

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Source: The Advisory Board's "Hybrid Operating Room" Advisory Board research and analysis



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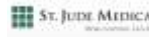
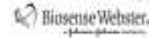
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Hybrid OR partners



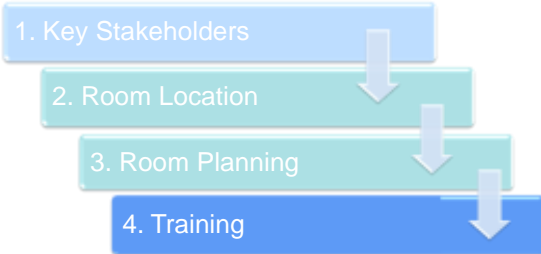
MAQUET



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ANY QUESTIONS?

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