

# IS3R 2023

Berlin/Germany

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**What New Technologies are Likely to Be Disruptive over the Next 5 to 10 Years, and How Will the Industry Respond?”**

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## What New Technologies are Likely to Be Disruptive over the Next 5 to 10 Years, and How Will the Industry Respond?”

Machines  
*vs or &*  
Data?

- To optimize workflows
- To compensate for staff shortage
- To be more effective in diagnosis and treatment

**Do you foresee a new technology besides the usual imaging modalities ?**

- Data management&software solutions
  - Meaningful data integration
  - Application of AI in clinical service

“Data-driven  
medicine”

# Data driven medicine accounts for.....

## Seamless Patient Journey



Efficiency & Workflows

## Hospital Command Centers



## Patient Dashboards



## AI&Diagnosis

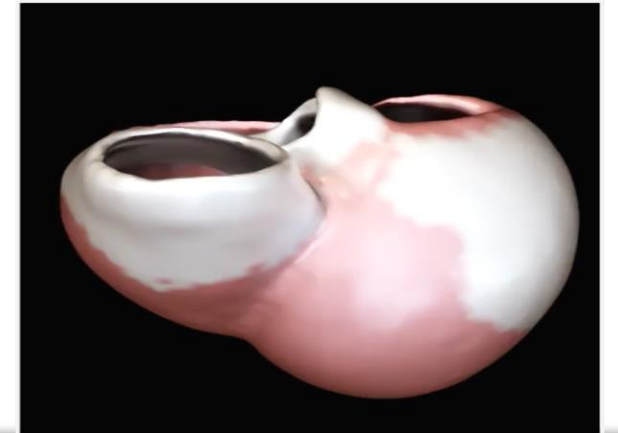


Diagnosis & Treatment

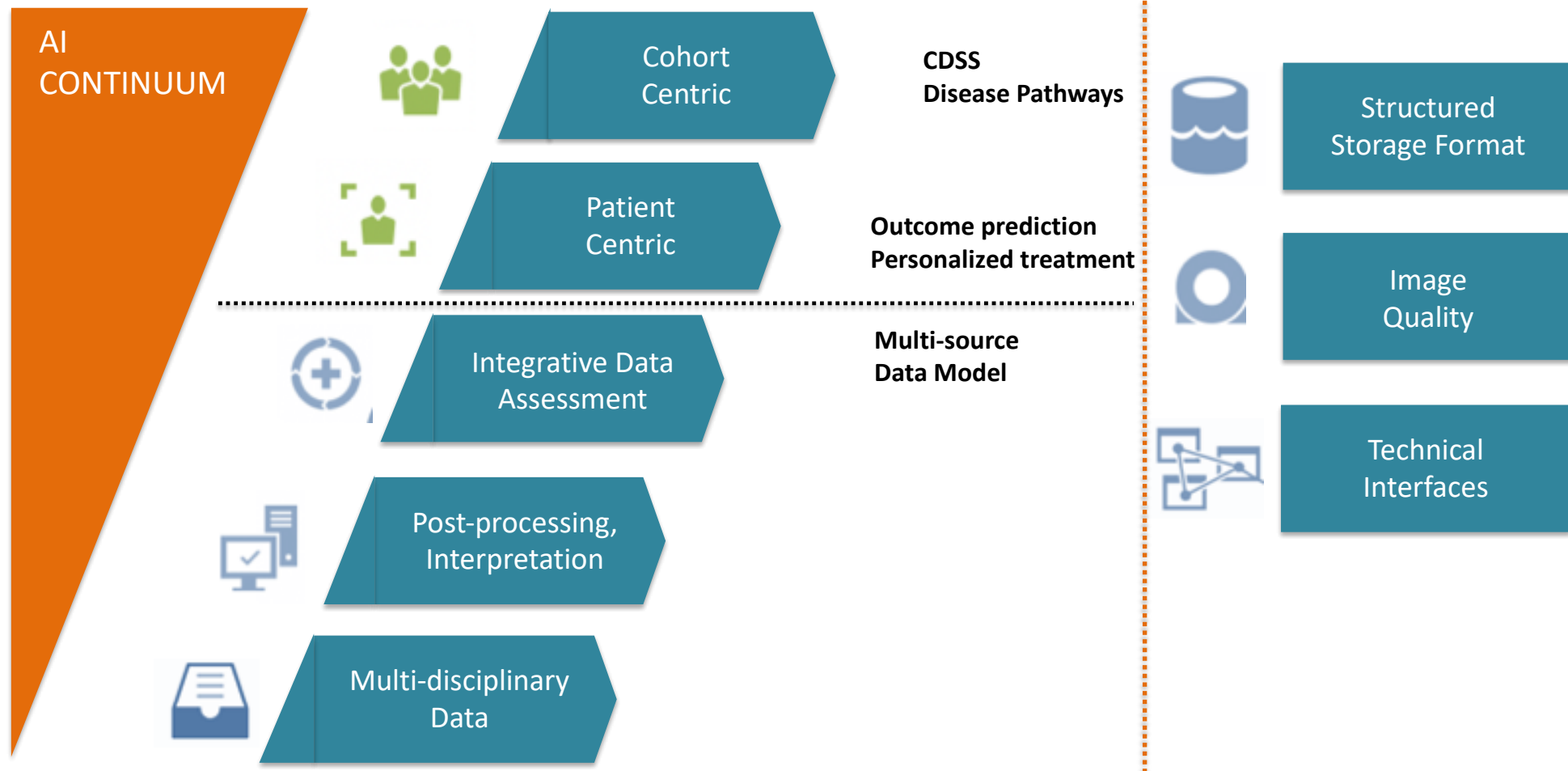
## Surgical Metaverse



## Digital Twins

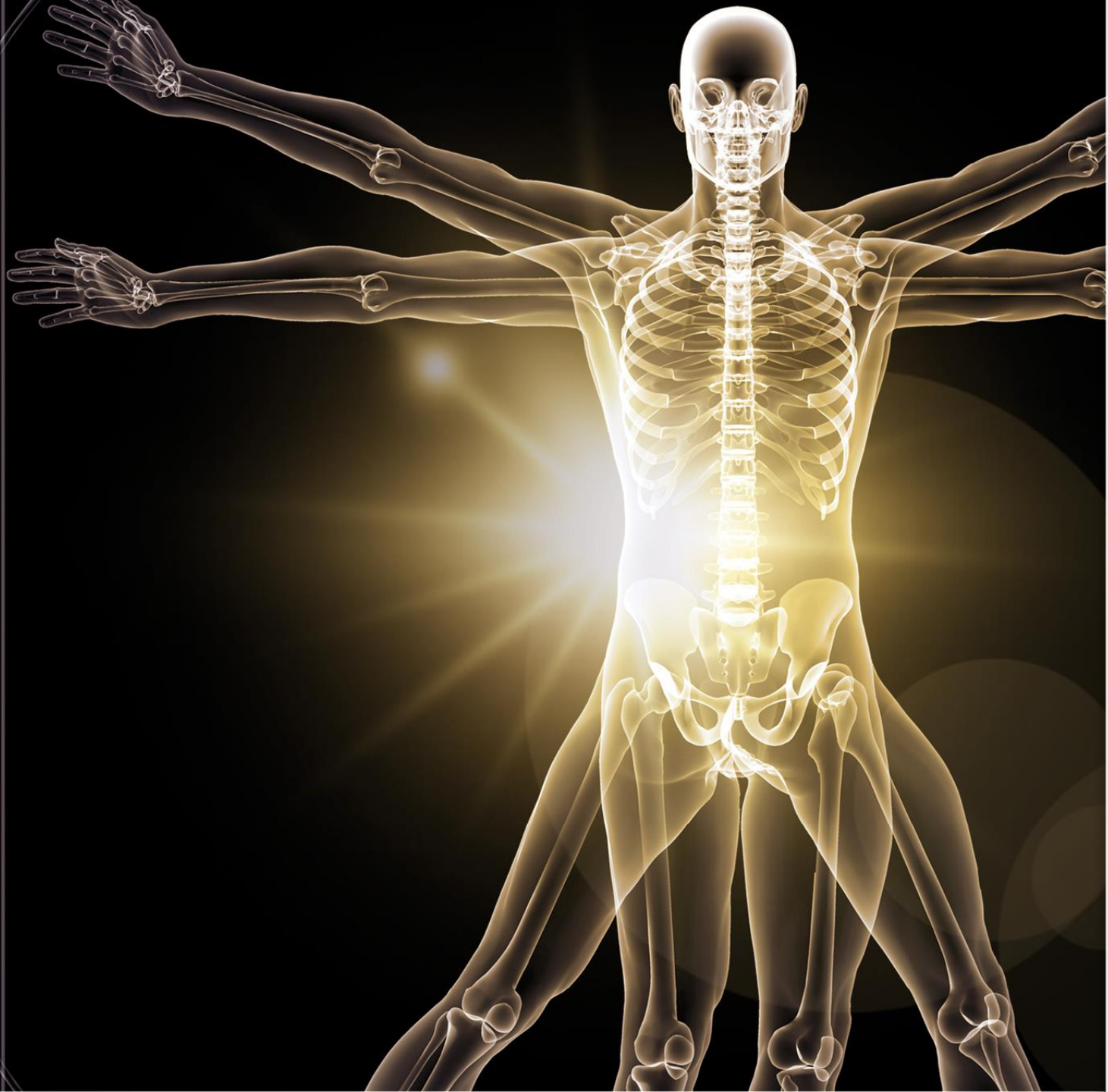


# Developing an AI continuum for cohort centric medicine



## My bucket list for „data-driven medicine“

- Workflow efficiency:
  - AI-based fleet and team management
  - AI-managed reading workflows (prioritizing&AI-based diagnosis)
  - Automated documentation&voice control in IR (device, procedure, drugs)
  - Patient dashboards
- „Medical metaverse“ (tumor boards, OR/cath lab, skill labs)
- Digital twin



15<sup>th</sup> Biennial Symposium  
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