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AI IMPACT 2024
40th Annual FPC Seminar + Expo
Sept 29 - Oct 1, 2024

The Value Of Intelligent Healthcare Design

AHCA 2024.07
Course Number:
Credit Designation: 1 LU/HSW
AIA CES Provider Number: E240
September 30, 2024



1



**INTELLIGENT
HEALTHCARE
DESIGN**
RETURN ON INVESTMENT
OF HEALTHCARE DESIGN
IN THE AGE OF AI

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4


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2



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5

- OBJECTIVE**
Identify how AI can leverage patient data to inform design decisions that prioritize patient experience.
- OBJECTIVE**
Inform the role of AI in operational efficiency, including predictive analytics for resource allocation and robotics integration, to facilitate better healthcare delivery.
- OBJECTIVE**
Evaluate AI-driven design innovations, such as simulation models for infection control and smart HVAC systems, that contribute to superior quality of care.
- OBJECTIVE**
Discuss the potential future scenarios in healthcare design, emphasizing the shift towards AI as a collaborative partner in the design of healthcare spaces.

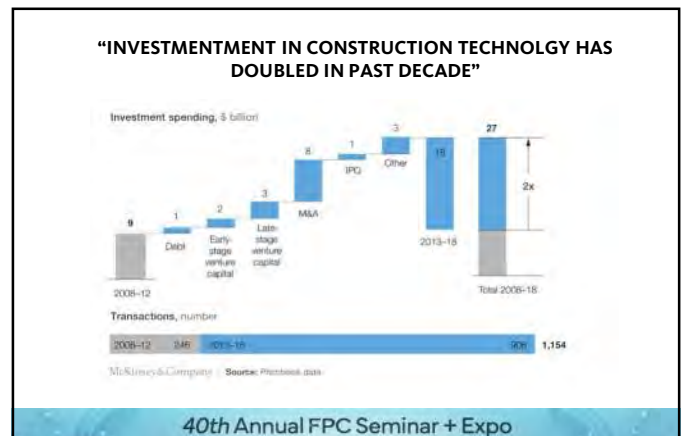
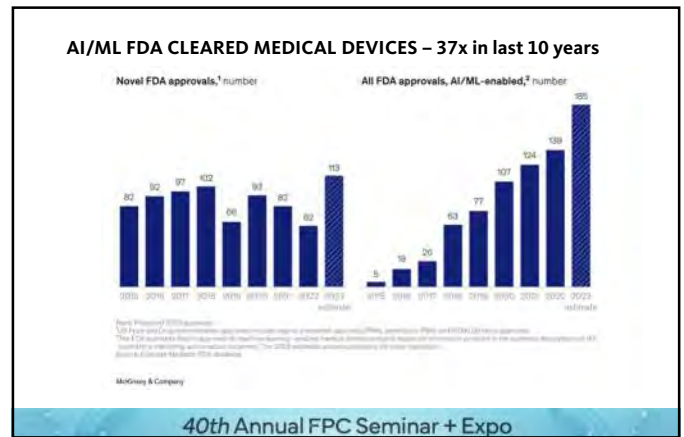
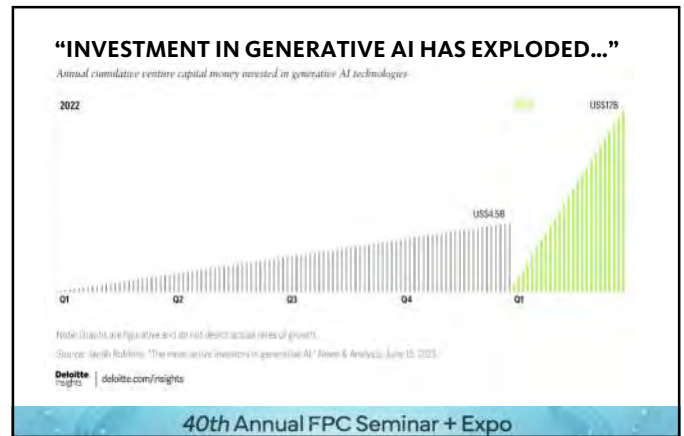
3



A.I. STRATEGY
DATA AS A CURRENCY
CREATIVE DIGITAL ARTS & TECHNOLOGIES
CARBON DIGITAL PRODUCTS

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6



Pace of innovation in past 10 years...

Construction:

2x investment
in technology

According to McKinsey and Company,
Source: Pitchbook Data

Healthcare:

37x number of FDA
cleared, AI enabled
medical devices

According to McKinsey and Company,
2023

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13

***“the only constant in
healthcare is change”***

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16

PLANNING FOR KNOWN UNKNOWNNS



MED TECHNOLOGY
EQUIPMENT RAPID
GROWTH



AUTOMATED
OPERATIONS



RISE OF TELEHEALTH

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14

***“the only constant in
life is change”***

-Greek Philosopher Heraclitus

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17

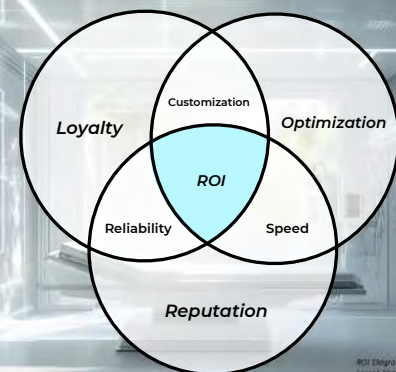
PLANNING FOR KNOWN UNKNOWNNS

FLEXIBILITY

Flexible infrastructure
Modular Space Planning
Future-proof service design

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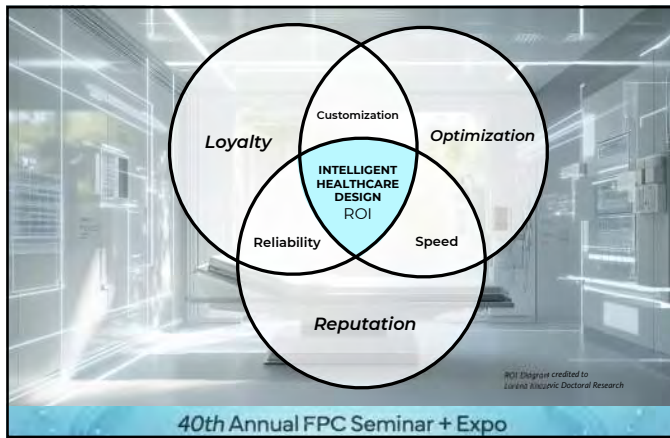
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ROI Diagram credited to
Larsen Clinic Doctoral Research

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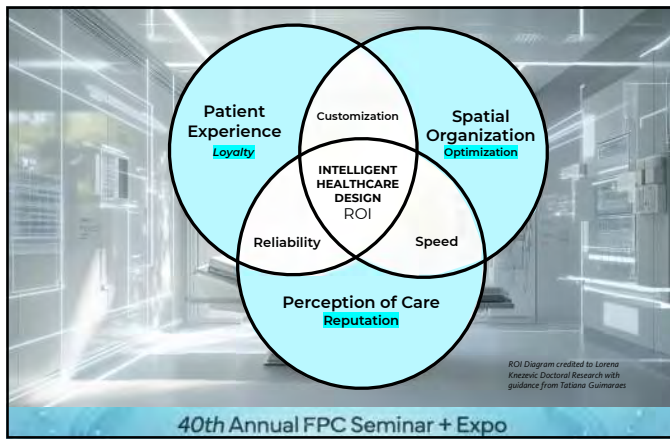
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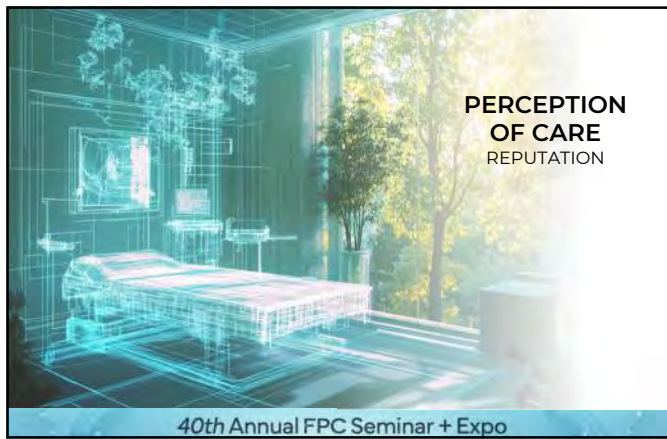
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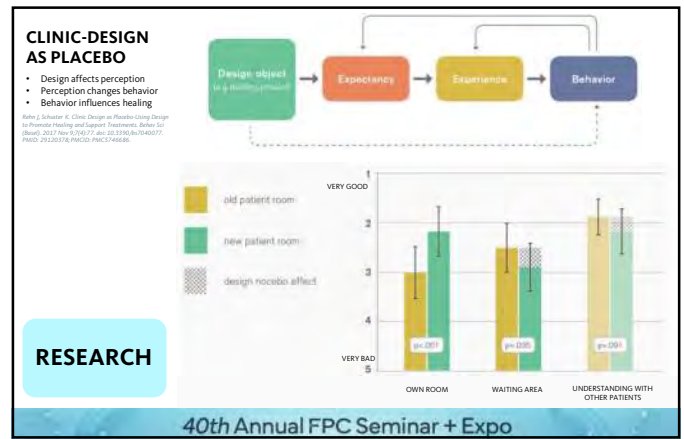
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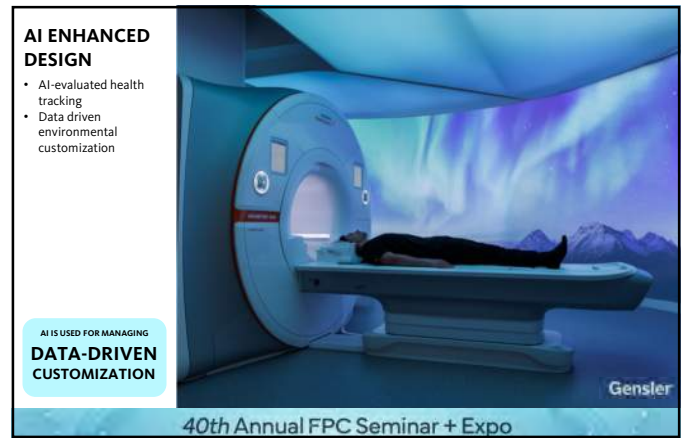
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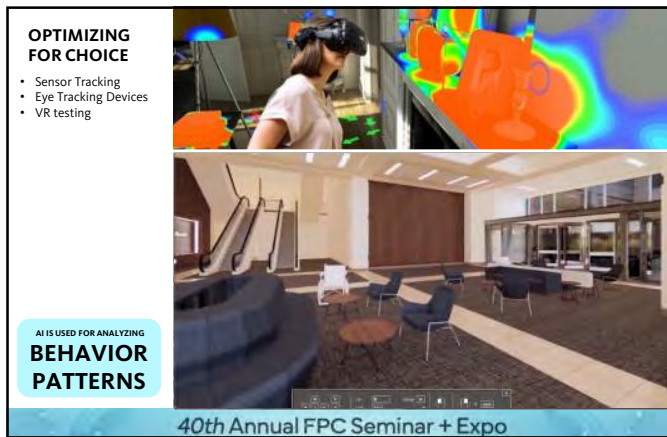
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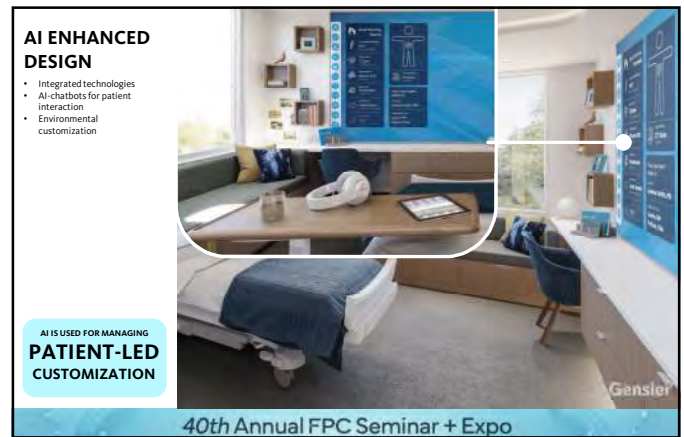
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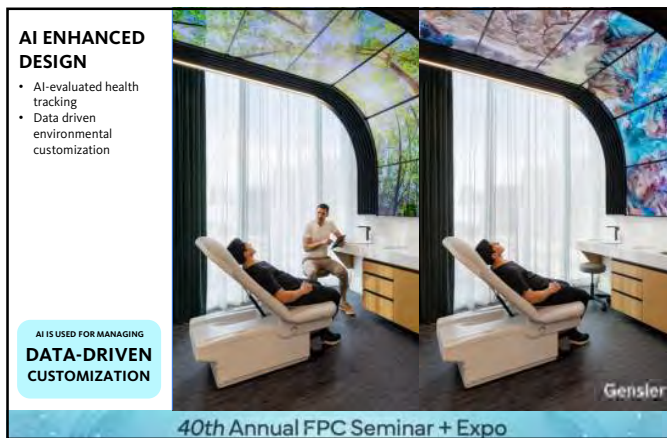
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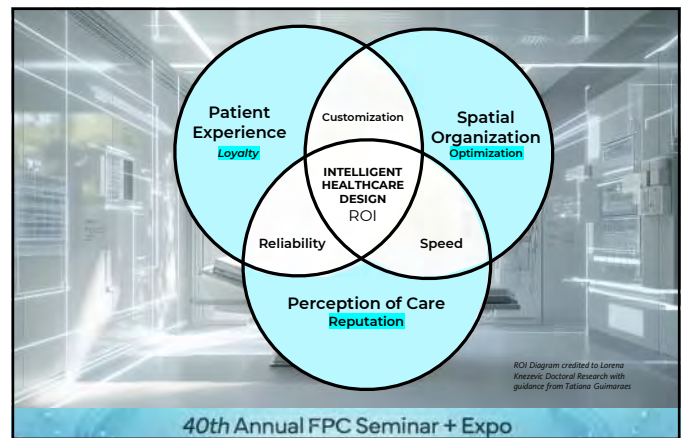
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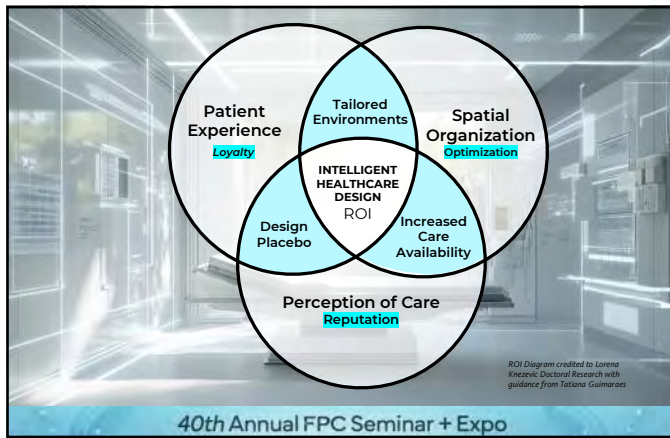
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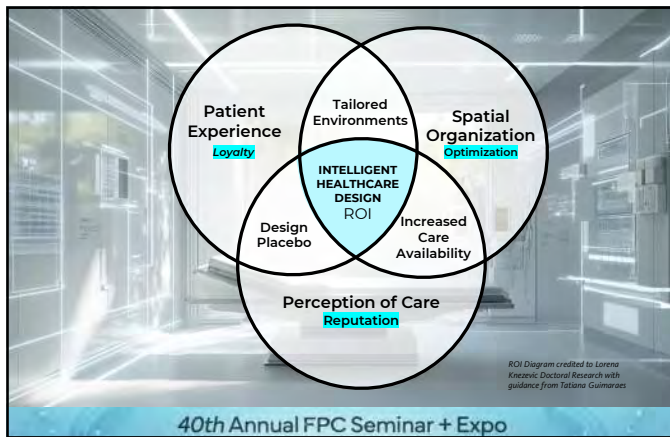
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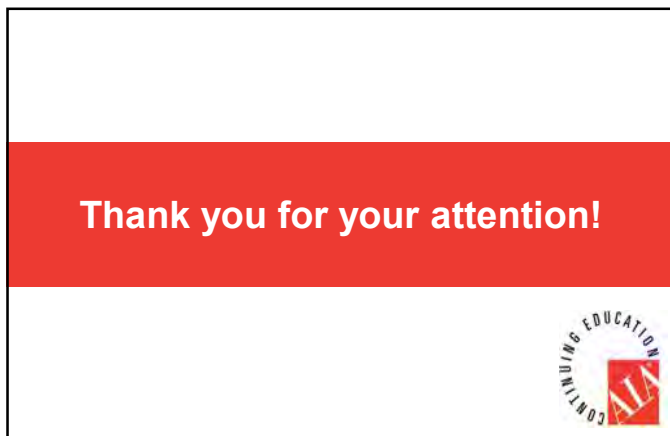
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37



38



39