

Industry challenges with AI

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Data heterogeneity

Large portions of needed healthcare data are unstructured, spread across multiple data sources, and stored in varying data structures

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Lack of patient confidence

Patients lack confidence in AI due to concerns about data privacy and security, potential data biases, and uncertainty about methodology

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Ongoing adaptability

After launch, AI models may be slow to adapt or integrate data when released

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Unclear productivity gains

Once AI frees up clinician or asset capacity (e.g., operating rooms), it may not be applied to increase productivity

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Regulatory challenges

Evolving regulations that could increase adoption may require approval processes for CMS or FDA validation

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Data quality

Finding high-quality medical data is difficult in healthcare because of its sensitive nature and ethical constraints