



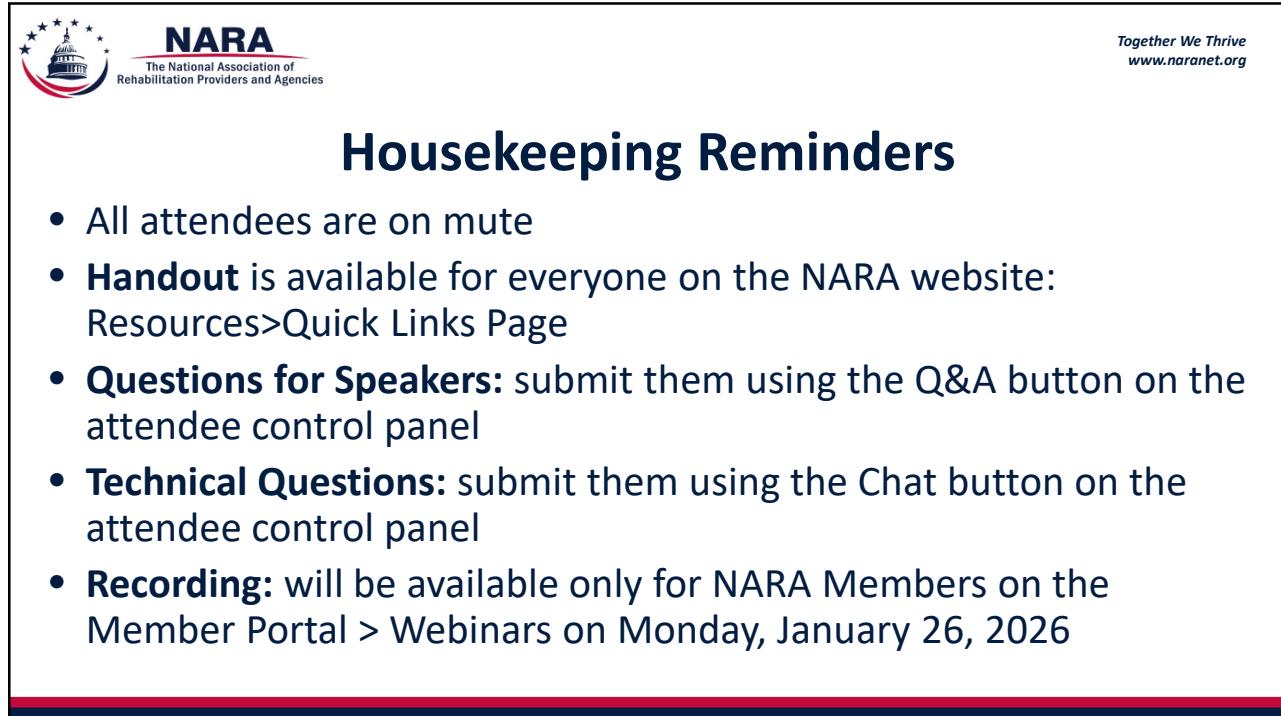
The banner features the NARA logo at the top left. The main title is "Exploring AI in Rehab:" in large, bold, white font. Below it is the subtitle "Where to Begin and What to Know Before You Dive In" in a smaller, green font. The background is a vibrant blue and green gradient with a digital circuit board overlay. A 3D rendering of a human brain is positioned on a circuit board, with the letters "AI" visible on the board. To the right, there is a medical cross symbol inside a circle, a stethoscope, and a wheelchair. The bottom left corner lists "Speakers" and "Moderator" with their names, and the bottom right corner has the NARA "Together We Thrive" tagline and website address.

**Speakers**

- Amy McDermott, EmpowerMe
- Jordan Bowman, Athelas
- Kathleen Dwyer, Legacy Healthcare Services

**Moderator**

- Linda Riccio, TCM Consulting & Management



The banner features the NARA logo at the top left. The main title is "Housekeeping Reminders" in a large, bold, dark blue font. The background is white. The bottom of the banner has a red horizontal bar.

- All attendees are on mute
- **Handout** is available for everyone on the NARA website: Resources>Quick Links Page
- **Questions for Speakers:** submit them using the Q&A button on the attendee control panel
- **Technical Questions:** submit them using the Chat button on the attendee control panel
- **Recording:** will be available only for NARA Members on the Member Portal > Webinars on Monday, January 26, 2026



Together We Thrive  
[www.naranet.org](http://www.naranet.org)

## Disclaimer

The information shared in today's presentation is shared in good faith and for general information purposes only. It is accurate as of the date and time of this presentation. Providers should seek further guidance and assistance from CMS and their Medicare Administrative Contractor (MAC), commercial payers, state and national associations, and continue to watch for new developments and information regarding the topics discussed today.



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[www.naranet.org](http://www.naranet.org)

## Agenda

- Key Terms, Concepts, and Why They Matter
- Compliance, Policy, and Patient Care
- What to ask your vendors?
- Resources
- Questions & Answers



# Legacy

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# Artificial Intelligence (AI): A Practical Overview

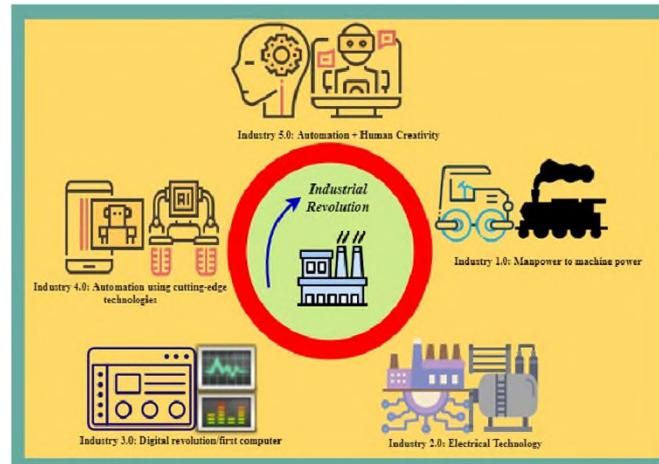
Key Terms, Concepts, and Why They Matter

Kathleen Dwyer, OTR/L, CHT, CHC, RAC-CT, CHPC

Senior VP of Compliance



## Industry: Mechanics to Intelligence



Humayun, Mamoon. (2021). Industrial Revolution 5.0 and the Role of Cutting Edge Technologies. International Journal of Advanced Computer Science and Applications, 12, 10.14569/IJACSA.2021.0121276.



## What Is Artificial Intelligence?

- According to Merriman-Webster, the definition of AI is
  - *The capability of computer systems or algorithms to imitate intelligent human behavior*
- 1955



"Artificial intelligence." Merriam-Webster.com Dictionary, Merriam-Webster, <https://www.merriam-webster.com/dictionary/artificial%20intelligence>. Accessed 17 Jan. 2026.

## Learning Objectives

- What is
  - Machine learning
  - Natural Language Processing
  - Large Language Models



"Artificial intelligence." Merriam-Webster.com Dictionary, Merriam-Webster, <https://www.merriam-webster.com/dictionary/artificial%20intelligence>. Accessed 17 Jan. 2026.



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## What is Machine Learning?

- Machine Learning (ML)
- *a computational method that is a subfield of **artificial intelligence** and that enables a computer to learn to perform tasks by analyzing a large dataset without being explicitly programmed*
- 1953



"Artificial intelligence." Merriam-Webster.com Dictionary, Merriam-Webster, <https://www.merriam-webster.com/dictionary/artificial%20intelligence>. Accessed 17 Jan. 2026.



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## Types of Machine Learning



SUPERVISED  
MACHINE LEARNING



UNSUPERVISED  
MACHINE LEARNING



REINFORCEMENT  
MACHINE LEARNING

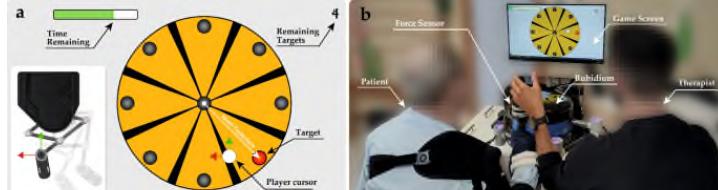
Gupta, V., Karioti, S., Rajab, M.D. et al. Unsupervised machine learning to investigate trajectory patterns of COVID-19 symptoms and physical activity measured via the MyHeart Counts App and smart devices. *npj Digit. Med.* **6**, 239 (2023). <https://doi.org/10.1038/s41746-023-00974-w>

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## Robots in Therapy

- According to the Journal of Neuro Engineering and Rehabilitation: January 2025
  - Robot-aided Rehabilitation with patients with neurological conditions
    - Learning how to deliver assistance based on therapist input
    - Robotic machine learning to adjust assistance levels during exercises
  - [Robot-aided Rehab](#)

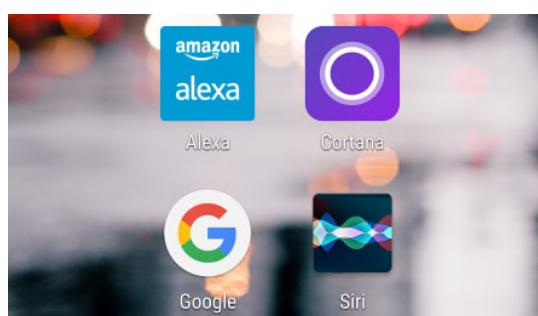
Martínez-Pascual, D., Catalán, J.M., Lledó, L.D. et al. A deep learning model for assistive decision-making during robot-aided rehabilitation therapies based on therapists' demonstrations. *J NeuroEngineering Rehabil* 22, 18 (2025).  
<https://doi.org/10.1186/s12984-024-01517-4>



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## Natural Language Processing

Natural language processing (NLP) is a subfield of computer science and [artificial intelligence \(AI\)](#) that uses [machine learning](#) to enable computers to understand and communicate with human language.



<https://www.ibm.com/think/topics/natural-language-processing>



## Language Models & Large Language Models (LLMs)

- **Language Model:** *software that uses a language model to generate text (such as responses to queries or prompts)*
- **Large Language Model:** *a language model that utilizes deep methods on an extremely large data set as a basis for predicting and constructing natural-sounding text*

"Artificial intelligence." Merriam-Webster.com Dictionary, Merriam-Webster, <https://www.merriam-webster.com/dictionary/artificial%20intelligence>. Accessed 17 Jan. 2026.



## LLM= The Brain

Ambient  
Technology  
Example



NLP- Understands Language



Machine Learning: Learns

## AI in Healthcare: Compliance, Policy, and Patient Care



Presented by Amy McDermott, M.S., CCC-SLP, CHC, SHRM-CP

Senior Vice President of Compliance

EmpowerMe Wellness



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## Pump Up The Jam



- ❖ Low Volume: Scheduling, documentation support
- ❖ Medium Volume: Pattern recognition, care coordination
- ❖ High Volume: Clinical recommendations, patient care decisions



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### Core Principle

- ❖ Innovation without discernment isn't progress.
- ❖ In healthcare, AI should assist care – not accelerate risk.



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### What Does Not Change

- ❖ Clinical accountability remains human
- ❖ Professional judgment cannot be delegated
- ❖ Licensed clinicians own outcomes



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## What DOES Change

- ❖ Documentation standards
- ❖ Workflow oversight
- ❖ Transparency requirements

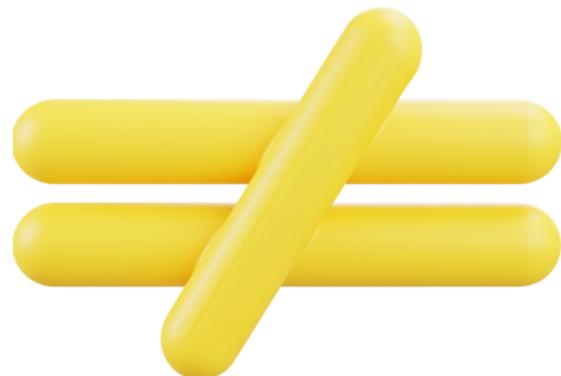


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## Patient Transparency: Simple, Honest, Proportional

- ❖ Not a waiver.
- ❖ Not a liability shield.
- ❖ Not a reason to alarm patients.



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## The Pitfalls

1. Using AI Just Because It Exists.
2. No Disclosure At All.
3. Treating AI Like Regular Software.



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## Risk Assessment Framework

**Top:** Clinical recommendations, risk stratification, patient messaging

**Middle:** Documentation assistance, pattern recognition, care coordination

**Bottom:** Scheduling, workflow optimization, administrative support



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## From Philosophy to Practice: What does Monday morning look like?



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## Policy Language – Clinical Decision Support



"When AI-assisted tools are used to support clinical documentation or care coordination, the licensed clinician must review, edit as necessary, and authenticate all AI-generated content before it becomes part of the official medical record. AI-generated content that has not been reviewed and authenticated by a licensed clinician is not considered valid clinical documentation."

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## Policy Language - Override Documentation



When a clinician overrides an AI recommendation or modifies AI-generated content, the clinical rationale must be documented in the patient record. This documentation serves to:

- Preserve clinical judgment
- Create an audit trail
- Protect against liability claims
- Identify patterns where AI tools may need recalibration



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## Policy Language - Vendor Requirements



All contracts with AI vendors should include:

- Audit log access and retention periods
- Model transparency and update notification
- Data usage rights and training exclusions
- Incident response and liability protocols
- Compliance with applicable state regulations



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## Consent vs. Notification Framework



### Visual: Decision tree

Does AI influence clinical decisions or patient-facing communication?

NO → Notification sufficient

YES → Continue to next question

Is the influence automated or does it require clinician review?

Requires review → Notification sufficient

Automated → Explicit consent required



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## The Gray Zone



### Examples Requiring Judgment:

- Fall risk scoring that triggers care plan changes
- Medication interaction alerts that delay treatment
- AI-generated patient education materials
- Automated appointment reminders with health information

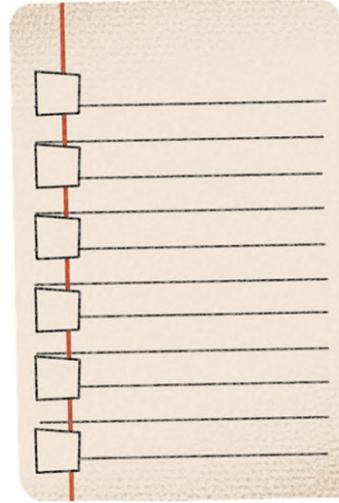


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## Audit and Monitoring Requirements

- Documentation review rate (Are clinicians actually reviewing AI content?)
- Override patterns (What gets overridden and why?)
- Patient complaints related to AI
- Vendor model updates and notifications
- Training completion rates
- Policy compliance spot checks
- AI data handling compliance (Are staff using only approved tools? Any evidence of PHI entered into open systems?)



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## Training Requirements

### Clinical Staff:

- Critical evaluation of AI suggestions
- When and how to override
- Documentation requirements

### Administrative Staff:

- What can/cannot be disclosed
- How to handle AI complaints
- Consent vs. notification protocols

### Leadership:

- Metrics for mature vs. immature AI use
- How to evaluate vendor claims
- Risk escalation protocols



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## State Law Compliance Variations



## California: AI disclosure requirements for diagnostic tools

## Colorado: AI bias audit requirements

## Illinois: Strict biometric data rules affecting AI training



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## What Gets WORSE With AI



## New Risks AI Introduces:

- Documentation fraud becomes harder to detect
  - Liability amplification through "the computer said so"
  - Automation bias reduces clinical skepticism



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## Risk Assessment in Action



**HIGH RISK - Requires comprehensive review:**

- ✓ AI recommending treatment modifications
- ✓ Patient-facing AI chatbots
- ✓ AI-driven risk stratification affecting care access
- ✓ Predictive algorithms for clinical outcomes

**MEDIUM RISK - Requires compliance + clinical review:**

- ✓ AI documentation assistance
- ✓ Pattern recognition tools
- ✓ Care coordination support
- ✓ Clinical alert systems

**LOW RISK - Standard approval process:**

- ✓ Scheduling optimization
- ✓ Administrative workflow tools
- ✓ General health education content
- ✓ Non-clinical patient communication

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## The AI Risk & Bias Tool



- Influence on Care**
  - Administrative support
  - Clinical guidance
  - Patient-facing decisions
- Human Accountability**
  - Review required
  - Override authority
  - Documentation expectations
- Patient Transparency**
  - Notification vs. consent
  - Plain-language disclosure
  - Trust implications

**Higher influence requires greater scrutiny.**

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**Closing Framework**

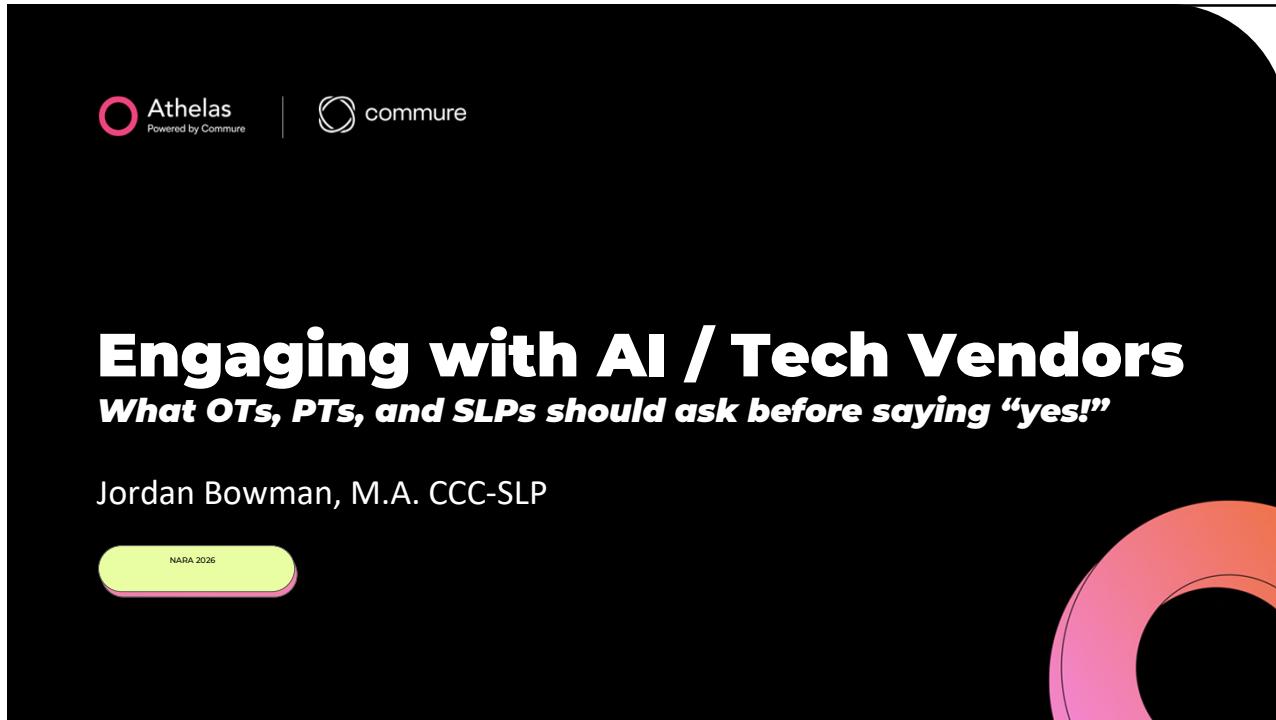


The organizations that get this right will pair:

- ❖ Innovation with discernment
- ❖ Power with responsibility
- ❖ Efficiency with patient benefit

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**commure**

# **Engaging with AI / Tech Vendors**

***What OTs, PTs, and SLPs should ask before saying “yes!”***

Jordan Bowman, M.A. CCC-SLP

NARA 2026



The Core Question

**“**  
*Was this technology designed for therapy in senior living and skilled nursing — or adapted later?*  
**”**

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## Why This Matters Now



AI and automation are accelerating in rehab and senior living

Vendors often market to executives — not clinicians

The wrong technology increases burnout and risk

The right technology:

- Improves resident outcomes
- Reduces documentation burden
- Supports compliance and sustainability

 Athelas  
Powered by Commure

## Clinical Fit + Workflow



**Athelas**  
Powered by Commure

**Ask vendors:**

- How does this support *my* discipline (SLP / OT / PT) specifically?
- Can you show a real therapy session workflow?
- How does goal tracking, progress notes, and outcomes reporting work?
- Does this support interdisciplinary coordination?

Red flag : Generic demos without therapy-specific examples

## Documentation + Burden



**Athelas**  
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**Ask vendors:**

- How much documentation time does this realistically save per day?
- What parts of documentation are automated vs clinician-controlled?
- How does it support skilled justification and medical necessity?

Reality check : AI should assist — not replace — clinical judgment

## Compliance + Risk



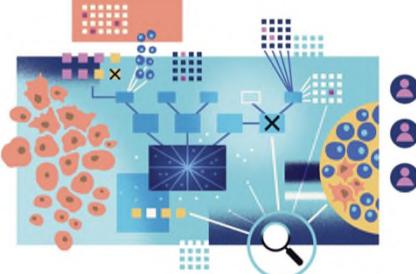
**Ask vendors:**

- How does this support regulatory compliance in senior living?
- How is PHI protected? (HIPAA, audits, access controls)
- Can documentation be audited and defended?

Key insight 🔵: Compliance risk ≠ just billing — it includes clinical documentation quality

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## Interoperability + Integration



**Ask vendors:**

- Does this integrate with our EHR, scheduling, and billing systems?
- Is data shared automatically or manually?
- What standards are used (APIs, HL7, FHIR)?

Watch for 🔴: "We export spreadsheets" as a solution

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## Resident + Family Engagement



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**Ask vendors:**

- How does this EHR / RCM / scribe workflow affect the *resident* experience during therapy sessions?
- Does documentation happen **with** the resident — or pull the clinician away from them?

**Remember** 🌟: Therapy technology doesn't live in the background. It shapes attention, connection, communication — and quality of life.

## Outcomes + ROI



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**Ask vendors:**

- What outcomes can we measure today?
- Can metrics be customized for therapy quality and efficiency?
- Do you have case studies in senior living rehab?

Important 📈: ROI includes staff retention and reduced burnout

**"How do you ensure this platform/tech continues to evolve over the next 3-5 years?"**

**Follow-ups:**

- "What specifically is on your product roadmap for the next 12-24 months?"
- "What signals tell you when the product needs to change?"
- "What's your operator to engineer ratio?"

**What you're listening for**

- Concrete roadmap themes (not feature lists)
- Clear ownership (named teams, not "we plan to")
- Evidence of iteration driven by customers, not hype

*Red flag* 🚫: "We're constantly innovating" with no specifics.



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**CLINICIAN ROI RUBRIC (OT / PT / SLP)**

<b>Dimension</b>	<b>Low Benefit</b>	<b>Moderate Benefit</b>	<b>High AI ROI</b>
<b>Documentation Burden</b>	Real-time only	End of day	Nights / weekends
<b>Caseload Complexity</b>	Low acuity	Mixed acuity	High cognitive & fall risk
<b>Care Coordination</b>	Minimal	Some IDT	Heavy IDT + nursing
<b>Burnout Risk</b>	Low	Moderate	High
<b>Clinical Insight Access</b>	Manual recall	Some dashboards	Needs trend-based insights



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## OPERATOR ROI RUBRIC

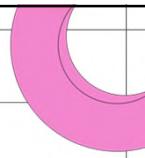
Operator Priority	AI Contribution	ROI Signal
<b>Falls Reduction</b>	Predictive risk insights	Fewer incidents
<b>Length of Stay</b>	Faster functional gains	Improved LOS
<b>Census Growth</b>	Outcomes storytelling	Sales differentiation
<b>Staff Retention</b>	Less burnout	Lower turnover cost
<b>Margin Protection</b>	Automation & accuracy	Reduced leakage
<b>Visibility</b>	Real-time dashboards	Better decisions



## Key Questions to Ask RCM Vendors During Your Search

Technology & Automation	Transparency & Reporting	Revenue & Outcomes
<p>What aspects of your RCM process are powered by AI or automation?</p> <p>How does your system handle claim scrubbing and error detection before submission?</p> <p>Do you integrate with my EHR, scheduling, or billing system natively—or via API?</p> <p>How frequently is your technology updated, and what's your process for continuous improvement?</p>	<p>What level of visibility do I have into my claims, denials, and collections?</p> <p>Can I access real-time dashboards for AR aging, payer trends, and collection rates?</p> <p>Do you provide custom reporting by payer, location, or provider?</p> <p>How do you measure and communicate performance metrics to clients?</p>	<p>What is your average improvement in AR days, denial rates, and collections across clients like ours?</p> <p>How long does it take to see measurable ROI?</p> <p>Do you have client case studies or references?</p> <p>How are incentives aligned—do you charge a flat rate, percentage of collections, or hybrid model?</p>





<b>Key Questions to Ask RCM Vendors During Your Search</b>		
<b>Compliance &amp; Data Security</b>	<b>Team &amp; Support</b>	<b>Implementation &amp; Scalability</b>
<p>How do you ensure HIPAA compliance and patient data protection?</p> <p>Where is your data stored, and what encryption protocols do you use?</p> <p>How do you manage compliance with CMS, Medicare, and payer-specific regulations?</p> <p>Are there audit trails for all transactions and claim modifications?</p>	<p>What does your client support structure look like (dedicated rep, ticket system, chat)?</p> <p>How quickly do you respond to issues or claims inquiries?</p> <p>What level of training do you provide to our internal team?</p> <p>Do you partner with us strategically to identify revenue opportunities, or only manage billing tasks?</p>	<p>What is the average implementation timeline?</p> <p>How do you manage data migration and ensure no disruption to cash flow?</p> <p>How do you scale as our organization grows or adds service lines/sites?</p> <p>What does your onboarding and change management process look like?</p>



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# Thank You



Jordan Bowman, M.A. CCC-SLP  
*jordan.bowman@getathelas.com*



## Resources

- <https://www.whitehouse.gov/wp-content/uploads/2025/07/Americas-AI-Action-Plan.pdf>



- <https://www.asha.org/practice/generative-artificial-intelligence-for-clinicians>



### Learn more about generative AI for clinicians:

- Overview
- Considerations for CSD Professionals
- Supporting Evidence-Based Practice With AI
- Additional Resources and Guidance

## Resources

**AOTA:** Artificial Intelligence and Occupational Therapy: From Emerging Occupation to Educational, Practice, and Policy Imperative - Vol. 79, Issue 6 – Nov/Dec – 2025

- <https://www.research.aota.org/ajot/article-abstract/79/6/7906347100/28460>



**APTA:** Digital Health Technologies, Digital Therapeutics, and Artificial Intelligence in Physical Therapist Practice

- <https://www.apta.org/pta-and-you/leadership-and-governance/policies/digital-health-technologies-digital-therapeutics-and-artificial-intelligence-in-physical-therapist-practice>



## Resources

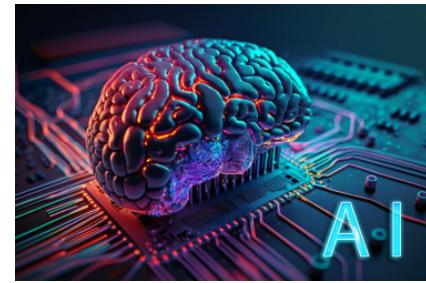
Google AI Essentials Specialization

5 course series – for free

- <https://www.coursera.org/specializations/ai-essentials-google>

- Martínez-Pascual, D., Catalán, J.M., Lledó, L.D. et al. A deep learning model for assistive decision-making during robot-aided rehabilitation therapies based on therapists' demonstrations. *J NeuroEngineering Rehabil* 22, 18 (2025). <https://doi.org/10.1186/s12984-024-01517-4>

- <https://www.ibm.com/think/topics/natural-language-processing>

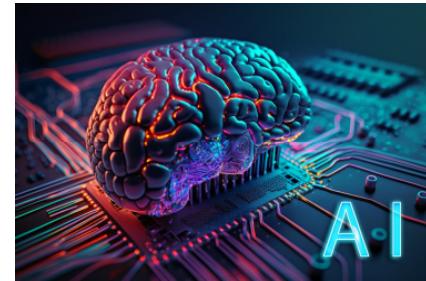


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## Resources

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12.10.14569/IJACSA.2021.0121276.



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“Artificial intelligence.” Merriam-Webster.com Dictionary, Merriam-Webster, <https://www.merriam-webster.com/dictionary/artificial%20intelligence>. Accessed 17 Jan. 2026.

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## NARA Solution Partners



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- **Athelas** - [Jordan.bowman@commure.com](mailto:Jordan.bowman@commure.com)
  - Research: [https://www.athelas.com/research-reports-and-guides?4348be99\\_page=1](https://www.athelas.com/research-reports-and-guides?4348be99_page=1)
- **Innova Health** – Zack Butterfield [zack@innovahealth.com](mailto:zack@innovahealth.com)
- **Limber Health / Net Health** - <https://www.limberhealth.com/for-providers/outcome>
- **One Step** - <https://onestep.co/product>
- **RESTORE Insights** – [Kerry@restoreskills.com](mailto:Kerry@restoreskills.com) <https://restoreskills.com/>
- **Rehab Connect** - <https://www.z-pax.com/rehab-connect>
- **SaRA Health** – [steven@sarahealth.com](mailto:steven@sarahealth.com) [www.sarahealth.com](http://www.sarahealth.com)
- **Via Cura** - <https://www.viacura.net/>

### AI TOOL RISK & BIAS ASSESSMENT SCORECARD

Tool Name: \_\_\_\_\_

Vendor: \_\_\_\_\_

Evaluator: \_\_\_\_\_

Date: \_\_\_\_\_

① **Purpose:** This scorecard is a structured **risk-assessment and decision-support tool**. It does not replace clinical judgment, legal review, or ongoing monitoring. It is designed to surface risk, bias, and readiness issues **early and consistently**.

This scorecard supports responsible innovation that improves care while protecting patients, care providers, and the organization.

#### **When to use:**

- Prior to AI vendor contracting
- During procurement evaluations
- Annually for existing tools
- After material model or scope changes

#### **How Scoring Works (Read First)**

This scorecard evaluates AI risk across **five independent domains**. Scores are not combined into a single total.

Each section answers a distinct question:

- **Clinical Risk:** What could go wrong clinically, and how quickly?
- **Bias & Equity Risk:** Could the tool introduce or amplify inequities?
- **Regulatory & Compliance:** Are minimum legal and contractual safeguards met?
- **Operational Readiness:** Can the organization support this tool today?
- **Vendor Red Flags:** Are there trust, governance, or credibility concerns?

**A low score in one domain does not offset a high score in another.** Final recommendations must reflect the **highest area of risk**, not an average.

For scoring consistency, all **High-Risk** responses are capped at **3 points**. Scores indicate **severity tiers**, not statistical precision.

Each section uses its **own scale**, based on the number of risk factors assessed. Section scores are interpreted **independently**.

**Interpretation:** This scorecard does not make the decision for you. It structures disciplined decision-making. A high-risk score does not automatically mean “no,” but it **does** require proportionate safeguards before proceeding. Scores reflect risk exposure, not likelihood of harm.

### **INTENDED USE & CONTEXT**

#### **1. What problem is this tool intended to solve?**

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#### **2. Is this tool replacing or supplementing an existing process?**

- Replace (AI output substitutes for a human task)
- Supplement (AI informs but does not replace a human task)
- New capability

#### **3. Who is the intended user?**

- Licensed clinician
- Non-clinical staff
- Patient
- Caregiver
- Multiple (specify): \_\_\_\_\_

#### **4. Is use of this tool optional or required?**

- Optional
- Required

**Note:** This assessment applies only to the intended use described above. Any expansion of scope requires re-evaluation.

### **SECTION 1: CLINICAL RISK ASSESSMENT**

**Purpose:** Evaluates the potential for patient harm if the AI tool performs incorrectly, is over-relied upon, or operates outside appropriate clinical oversight.

#### **5. What does this AI tool do?**

- Administrative support only (scheduling, workflow) **LOW RISK (1)** 
- Documentation assistance (suggests language, summarizes) **LOW RISK (1)** 
- Clinical decision support (flags risks, suggests options) **MEDIUM RISK (2)** 
- Direct patient interaction (chatbots, messaging) **HIGH RISK (3)** 
- Diagnostic or treatment recommendations (proposes a specific diagnosis or treatment) **HIGH RISK (3)** 

#### 6. Who makes the final decision?

- Licensed clinician reviews and approves all AI outputs LOW RISK (1) ●
- AI makes recommendations; clinician can override MEDIUM RISK (2) ●
- AI makes automated decisions in some circumstances HIGH RISK (3) ●
- AI makes fully automated decisions HIGH RISK (3) ●

#### 7. What happens if the AI is wrong?

- Minimal impact (administrative inefficiency) LOW RISK (1) ●
- Delayed care or inconvenience MEDIUM RISK (2) ●
- Potential for clinical harm HIGH RISK (3) ●
- Serious patient safety risk HIGH RISK (3) ●

#### 8. How quickly could harm occur if the AI behaves incorrectly?

- Slowly, detectable over time LOW RISK (1) ●
- Moderately fast, detectable with monitoring MEDIUM RISK (2) ●
- Rapid, before intervention is possible HIGH RISK (3) ●

#### CLINICAL RISK SCORE:

- For each question, record the highest-risk response selected.
- Add the scores from Questions 5–8.

Total Clinical Risk Points: \_\_\_\_\_ /12

- **4 points** = Low Risk ●
- **5–8 points** = Medium Risk ●
- **9–12 points** = High Risk ●

#### SECTION 2: BIAS & EQUITY ASSESSMENT

**Purpose:** Assesses whether the AI tool may introduce, amplify, or obscure bias or disparate impact across patient populations, including through opaque training data or non-representative datasets.

#### 9. What data was used to train this AI model?

- Vendor provides complete transparency on training data LOW RISK (1) ●
- Vendor provides partial information on training data MEDIUM RISK (2) ●
- Vendor claims proprietary/confidential training data and provides only high-level detail HIGH RISK (3) ●
- Vendor cannot or will not disclose training data HIGH RISK (3) ●

**10. Does the training data composition reflect your patient population?**

- Yes, vendor confirms demographic match LOW RISK (1) ●
- Partially - some demographic gaps MEDIUM RISK (2) ●
- Unknown - vendor has not provided this information — HIGH RISK (3) ●
- No - significant demographic mismatches exist — HIGH RISK (3) ●

**⚠️ Unknown or non-representative training data increases the likelihood of structural bias and requires follow-up.**

**11. Has the tool's performance been tested for bias across demographic groups (by the vendor or a third party)?**

- Yes, vendor provides bias audit results LOW RISK (1) ●
- Yes, but only for some demographic factors MEDIUM RISK (2) ●
- Vendor claims testing but provides no documentation HIGH RISK (3) ●
- No bias testing has been conducted HIGH RISK (3) ●

**12. Which populations might be disadvantaged by this tool?**

*Check all that apply:*

- Racial/ethnic minorities
- Non-English speakers
- Elderly patients
- Patients with disabilities
- Rural populations
- Low-income populations
- LGBTQ+ patients
- Other: \_\_\_\_\_
- Unknown - insufficient data to assess

**⚠️ Each selection adds +1 point. Selecting "Unknown" adds +1 point and requires follow-up even if no specific population is identified.**

**13. Are AI outputs meaningfully explainable to clinicians?**

- Yes - clear explanation of how conclusions are reached LOW RISK (1) ●
- Partially - limited transparency MEDIUM RISK (2) ●
- Limited - "black box" HIGH RISK (3) ●
- No - fully opaque decision-making HIGH RISK (3) ●

** Bias Risk Scoring**

**Total points from Questions (Q9, 10, 11, and 13): \_\_\_\_\_ / 12**

**Additional points (Q12) (populations identified): + \_\_\_\_\_**

**Total Bias Risk Points: \_\_\_\_\_ / 12+**

**Bias Risk Level:**

- 4–6 points = Low Bias Risk ●
- 7–9 points = Medium Bias Risk ●
- 10–12+ points = High Bias Risk ●

*Note: Scores above 12 are possible when multiple populations are identified in Question 12.*

**▶ Mandatory Bias Escalation Rules**

Escalation is required if **any** apply:

- Bias Risk = High (10+ points)
- Any High-Risk score in Q9–11 or Q13 **and** any population identified
- AI affects access, prioritization, eligibility, or clinical decisions
- Training data or bias testing is unknown or undisclosed

**🛠 MITIGATION & MONITORING**

*(Required if Question 12 identifies any population)*

Population(s) at risk: \_\_\_\_\_

Nature of potential disadvantage: \_\_\_\_\_

Planned safeguards: (e.g., clinician override, human review, translation services, enhanced monitoring)

**⚠ Bias risk must be reassessed as use cases or populations change.**

**📋 SECTION 3: REGULATORY & COMPLIANCE ASSESSMENT**

**Purpose:** Confirms whether the vendor and tool meet minimum legal, contractual, privacy, and disclosure requirements applicable to healthcare AI use.

**14. Does the vendor meet required contract standards?**

Mark **Y** (yes), **N** (no), or **U** (unknown) for each:

- Provides audit logs with retention guarantees\*
- Commits to notifying us of model updates
- Specifies data usage rights and training exclusions\*
- Has incident response and liability protocols
- Complies with state-specific AI regulations where we operate
- Provides PHI protection documentation
- Offers override capability for all AI recommendations\*

**Compliance Score:** \_\_\_\_\_ / 7 requirements met

**⚠ All "U" (unknown) responses represent unresolved compliance risks.**

\* Core requirements — absence may preclude approval regardless of total score.

**15. Vendor documentation provided:**

- Peer-reviewed validation studies
- Internal validation data
- FDA clearance or approval (if applicable)
- Third-party bias audits
- Security/privacy certifications (SOC 2, HIPAA, etc.)
- Other
- None of the above

**Documentation Quality:**

- 4-5 items checked = Strong ●
- 2-3 items checked = Adequate ●
- 0-1 items checked = Insufficient ●

**16. State law considerations:** Do we operate in states with specific AI requirements?

- California
- Colorado
- Illinois
- Not applicable
- Other states: \_\_\_\_\_

**Has vendor confirmed compliance with applicable state laws?**

- Yes, with documentation
- Vendor claims compliance but provides no proof
- Vendor unaware of state-specific requirements
- Not applicable

**⚠️ Unverified claims or vendor ignorance of state requirements is a compliance risk.**

#### ❖ SECTION 4: OPERATIONAL READINESS

**Purpose:** Determines whether the organization has the policies, training, monitoring, and accountability structures necessary to deploy this AI tool safely today.

#### 17. Do we have the infrastructure to use this tool responsibly?

- Staff trained to critically evaluate AI outputs
- Defined criteria for mandatory review
- Documented override and escalation process
- Training addresses automation bias (risk of over-reliance on AI outputs)
- Clear accountability for errors
- Audit process established
- Policy language updated
- Patient disclosure language prepared
- Incident response plan
- Defined criteria for suspension or de-implementation

**Operational Readiness:** \_\_\_\_\_ /10 requirements met

 *Fewer than 6 requirements met → implementation should be delayed.*

#### ▶ SECTION 5: VENDOR RED FLAGS

**Purpose:** Identifies credibility, governance, or representation concerns that undermine trust in the vendor or materially increase implementation risk.

**Check any that apply:**

- Vendor claims AI "eliminates the need for clinical review"
- Vendor cannot explain how AI works
- Vendor dismisses bias concerns
- Vendor refuses to commit to contractual requirements
- Vendor makes outcome guarantees ("will reduce falls by 40%")
- Vendor has no healthcare regulatory experience
- Vendor updates models without notification
- Vendor lacks clear liability/insurance coverage
- Marketing materials contradict technical documentation
- Uses proprietary performance metrics that cannot be independently validated

**Red Flag Count:** \_\_\_\_\_ flags identified

 *One = scrutiny. Three+ = strong basis to decline.*

## FINAL RISK ASSESSMENT

Clinical Risk:  **Low**  **Medium**  **High**

Bias Risk:  **Low**  **Medium**  **High**

Compliance Requirements Met: \_\_\_\_\_ / 7

Operational Readiness: \_\_\_\_\_ / 10

# of Red Flags Identified: \_\_\_\_\_

## RECOMMENDATION

Approval reflects risk acceptance with safeguards, not endorsement of accuracy.

**APPROVE** - Low risk across all domains

**APPROVE WITH CONDITIONS** – Risk identified but controllable prior to go live.

### Conditions:

- Condition 1: \_\_\_\_\_
- Condition 2: \_\_\_\_\_
- Condition 3: \_\_\_\_\_

**PILOT PROGRAM** – Real-world performance, bias behavior, or clinician interaction cannot be reliably predicted. (Pilot use is a risk-control strategy, not provisional approval.)

### If selecting pilot, the following must be defined before proceeding:

- Define pilot duration and sample size
- Establish success/failure criteria before pilot begins
- Require interim review at  30 days  60 days  90 days
- Specify data collection and monitoring plan

**DELAY** – Operational readiness insufficient. Reassess in \_\_\_\_\_ months.

**DECLINE** - Risk too high or vendor unable to meet minimum requirements.

## REQUIRED APPROVALS

- Compliance Officer
- Clinical Leadership
- Legal
- IT/Security
- Privacy Officer

Evaluator Signature: \_\_\_\_\_

Date: \_\_\_\_\_



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**POST-IMPLEMENTATION MONITORING**

*(For approved tools only)*

**Frequency of performance review:**  Monthly  Quarterly  Annually

**Override rate monitoring threshold:** \_\_\_\_%

*(If override rate exceeds this threshold, trigger re-assessment)*

**Other triggers for re-assessment:**

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**DOCUMENTATION:** Keep completed scorecards in vendor files.

**END OF SCORECARD**

Framework developed by Amy McDermott | 2026  
*Shared freely for learning and adaptation*