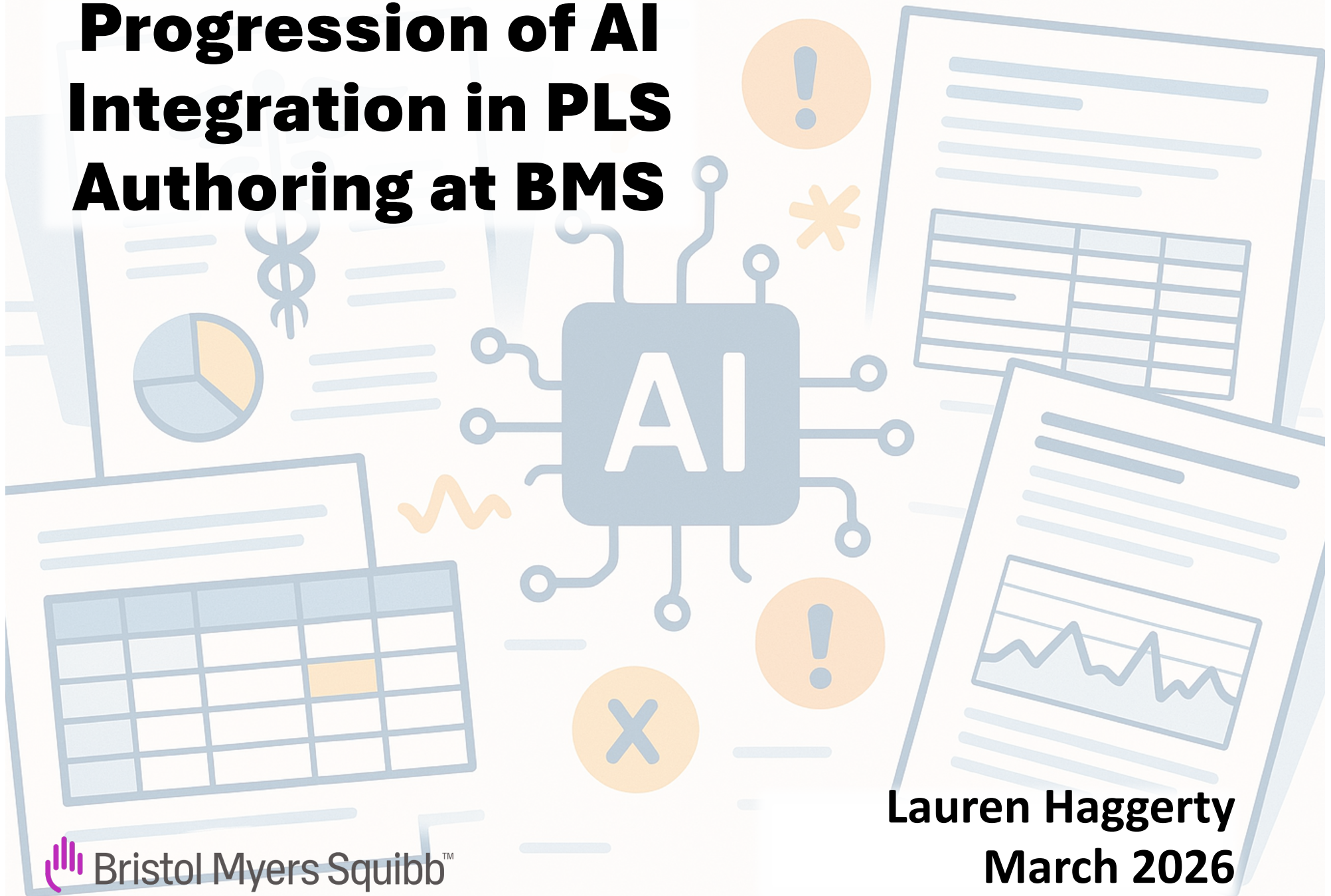


Progression of AI Integration in PLS Authoring at BMS



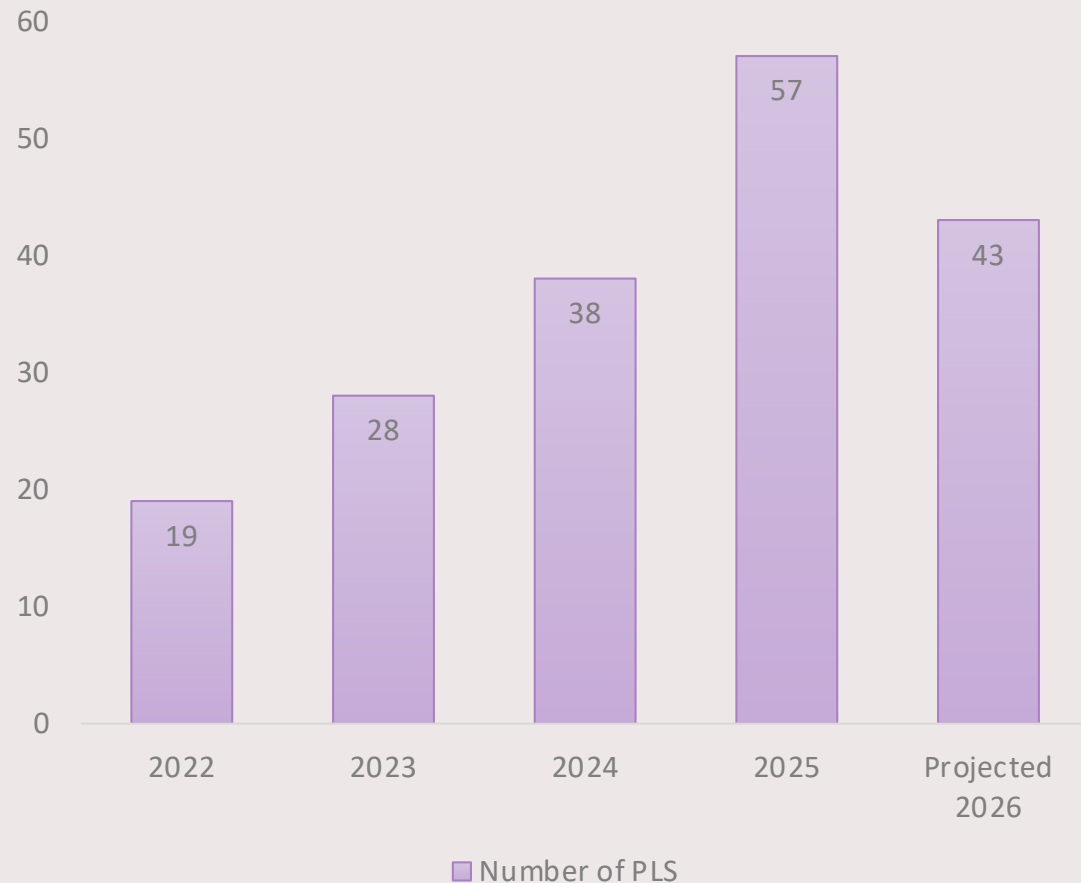
Disclaimer

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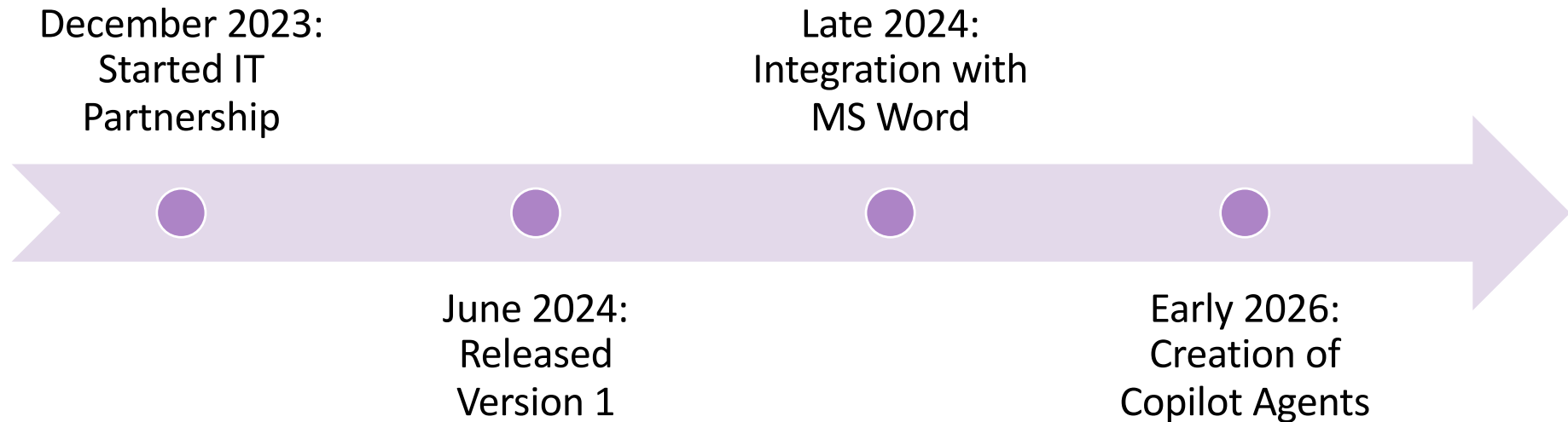
This presentation is incomplete without accompanying verbal commentary.

PLS Workload Constraints

- In-house PLS writing
- Scale rapidly for CTIS
- Partnered with IT to create AI solution



Creating Our AI Tools



- Iterative process
- Met weekly with IT to map source data to output locations
- AI becomes useful when you approach it as a system that requires design, testing, and continuous refinement

[illegible]

Tool Walkthrough: Structured Prompts + Options

1 2 3 4 5 6

Plain Language Summary of Clinical Study Results



Short Study Title: [Plain language title] [PLS_Study Drug]

Study Medicine: bempegaldesleukin also called [generic name]

Date of Summary: [DD-Month-YYYY]

 **Thank You!**

[sponsor name] the sponsor, would like to thank you for participating in this clinical study for a [medicine or specify if other] called bempegaldesleukin.

With your help, we learned more about bempegaldesleukin and what effect it has on your [indication].

DocGen AI (Dev)

< Edit & Review

PLS_v20240910 Reviewed 0/26

Document Attributes

Template Elements

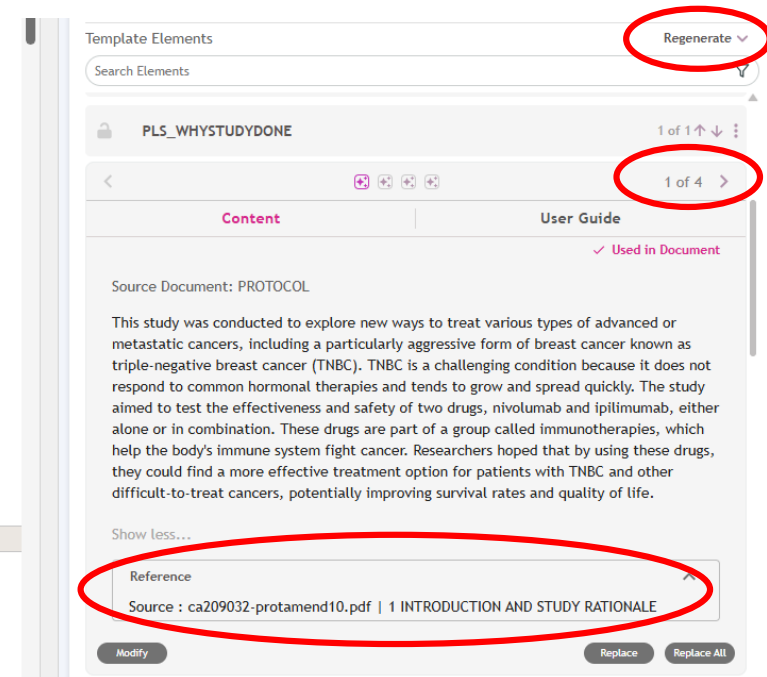
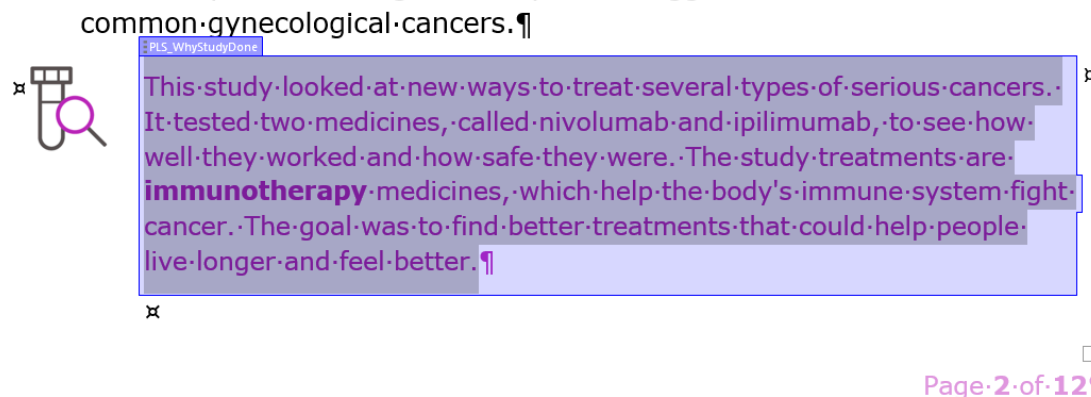
Search Elements

 PLS_STUDY DRUG	1 of 6 ↑ ↓ ⋮
 NUMBER OF TEAES	↑ ↓ ⋮
 [TEAE TABLE]	↑ ↓ ⋮
 [SERIOUS TEAE TABLE]	↑ ↓ ⋮
 NUMBER OF SERIOUS TEAES	↑ ↓ ⋮

AI generated output

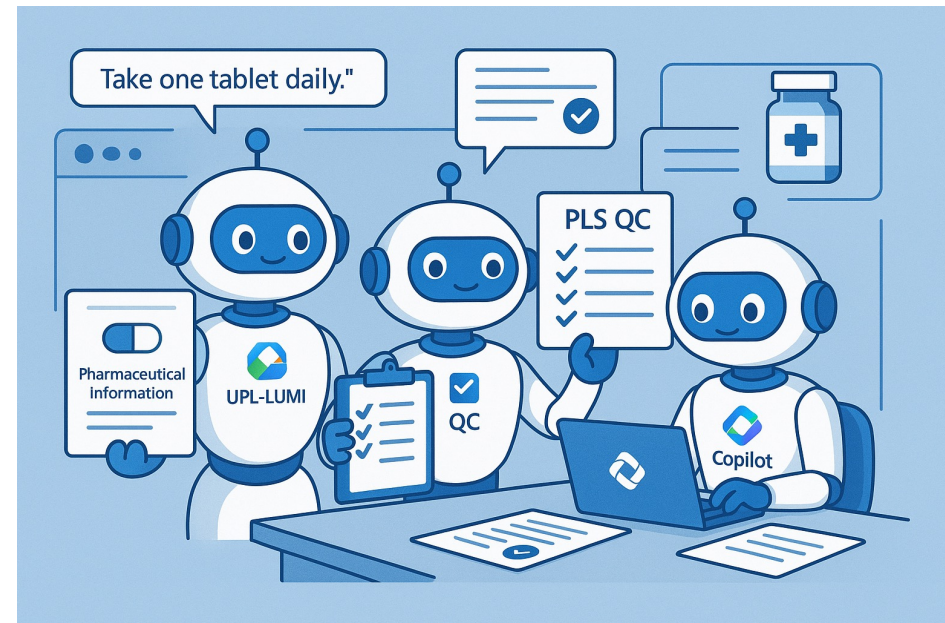
Tool Walkthrough: Human Review and Regenerate

- Built 27 elements
- Average of 15 cycles of refinement per prompt

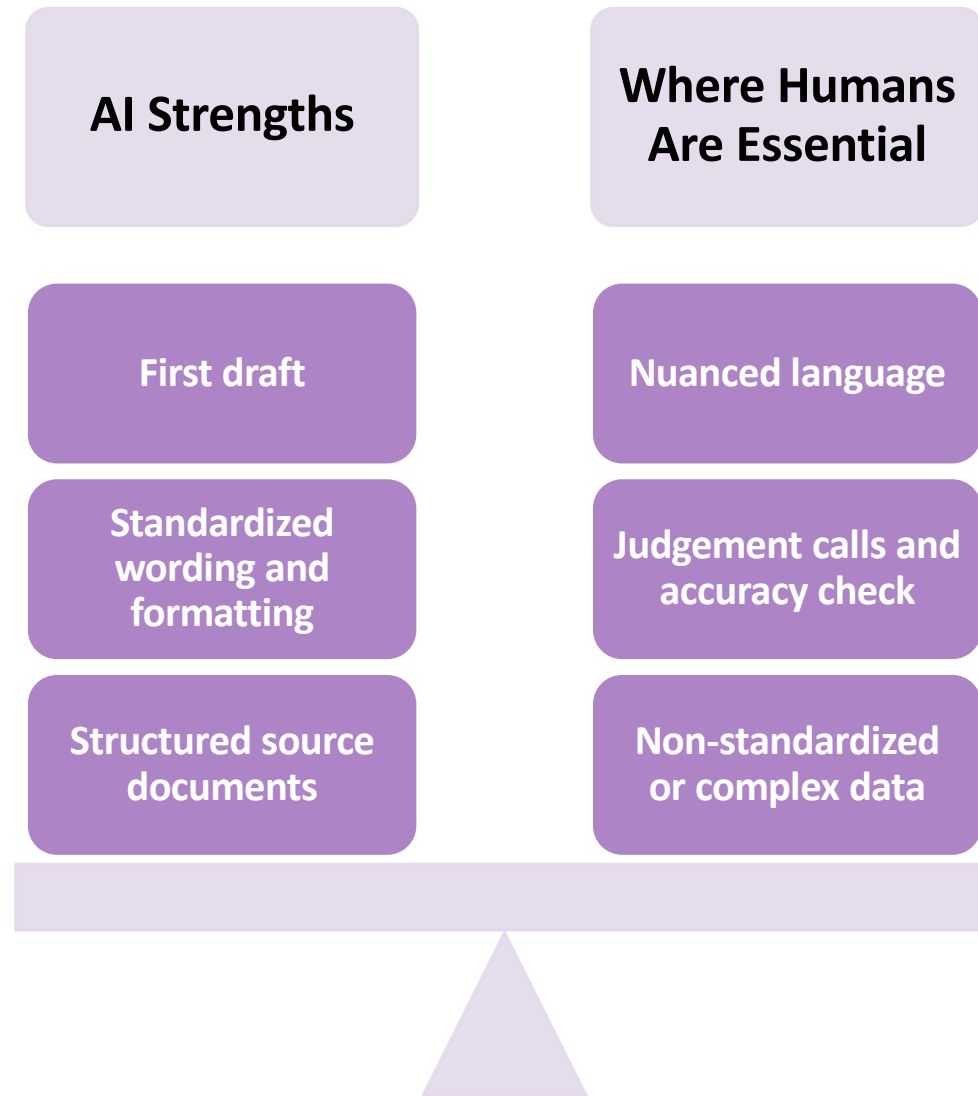


Copilot Agents

- Universal Patient Language (UPL) agent
- PLS QC agent
 - Context, a “role”, and examples of high-quality outputs
- Can brainstorm during drafting or have as 1st reviewer



AI vs Human Strengths in PLS Authoring



AI Savings

Authoring
time cut in
half

Improved
writing and
consistency

Money
savings

What We Learned



AI is most effective for PLS when given structured parameters for outputs



Human judgment cannot be automated, especially for safety and interpretation



Reliable AI outcomes are designed through iteration



AI supports scale, humans remain accountable for quality

Thank you

Please feel free to contact me to discuss
further at lauren.haggerty@bms.com