

Artificial Intelligence

Tips for Practice, Today

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Who has used an AI tool for
clinical practice (like ChatGPT)
in the last 6 months?

Current state: Audience - results

Who has used an AI tool for clinical practice
(like ChatGPT) in the last 6 months?

[Link to results]

Objectives

After the talk, audience members will be able to..

- Understand the theoretical basis for large language models (LLMs)
- Understand the general capabilities as well as what is within and outside the scope of large language models (and their “AI” applications)
- Determine where AI may play a useful role within your practice



MAKE A GIFT

REFER A PATIENT

Search...



Patient Care & Info ▼

People

Research ▼

Education

Locations

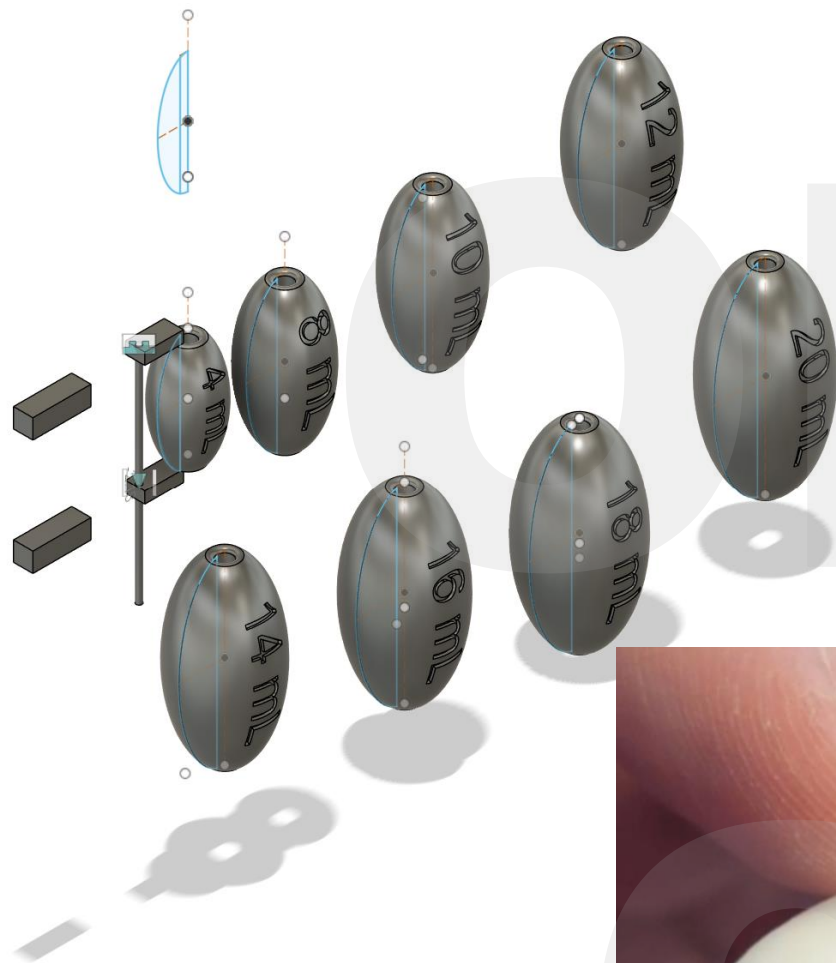
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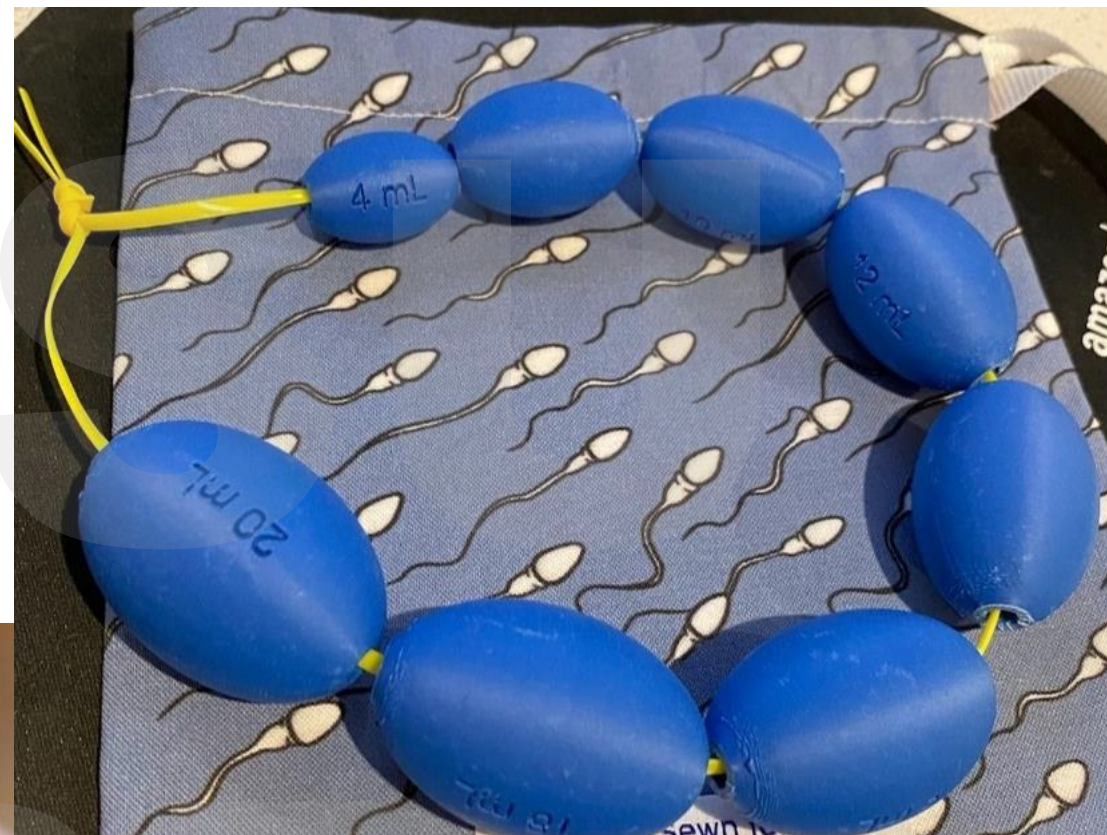
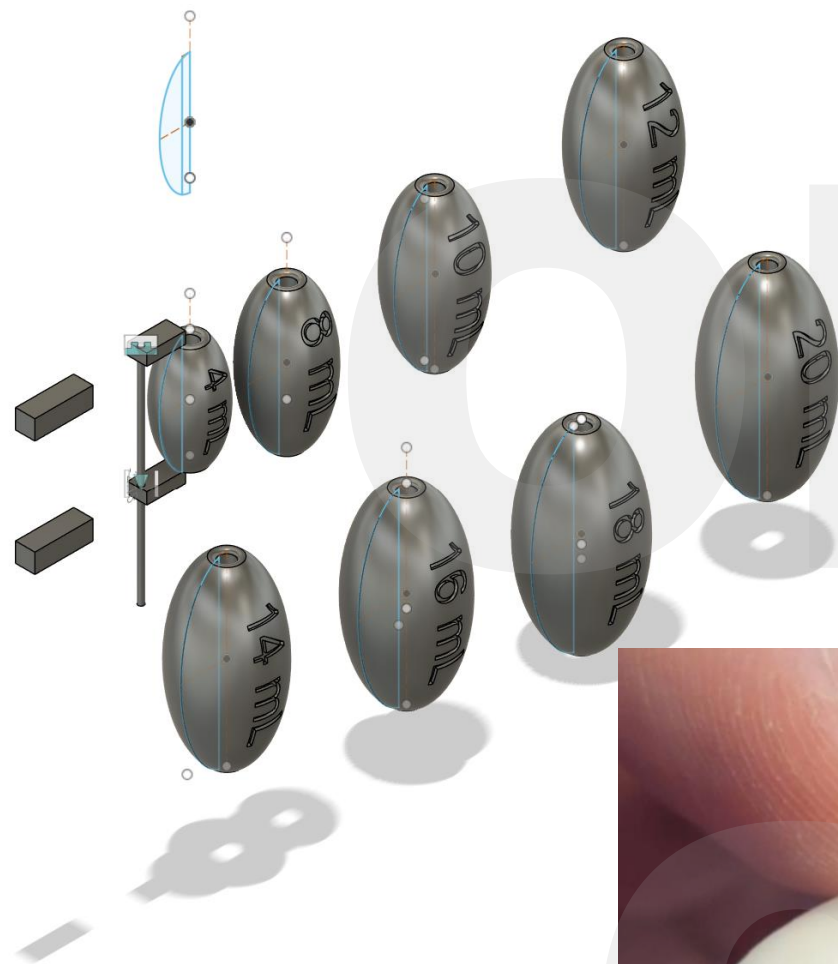
Andrology

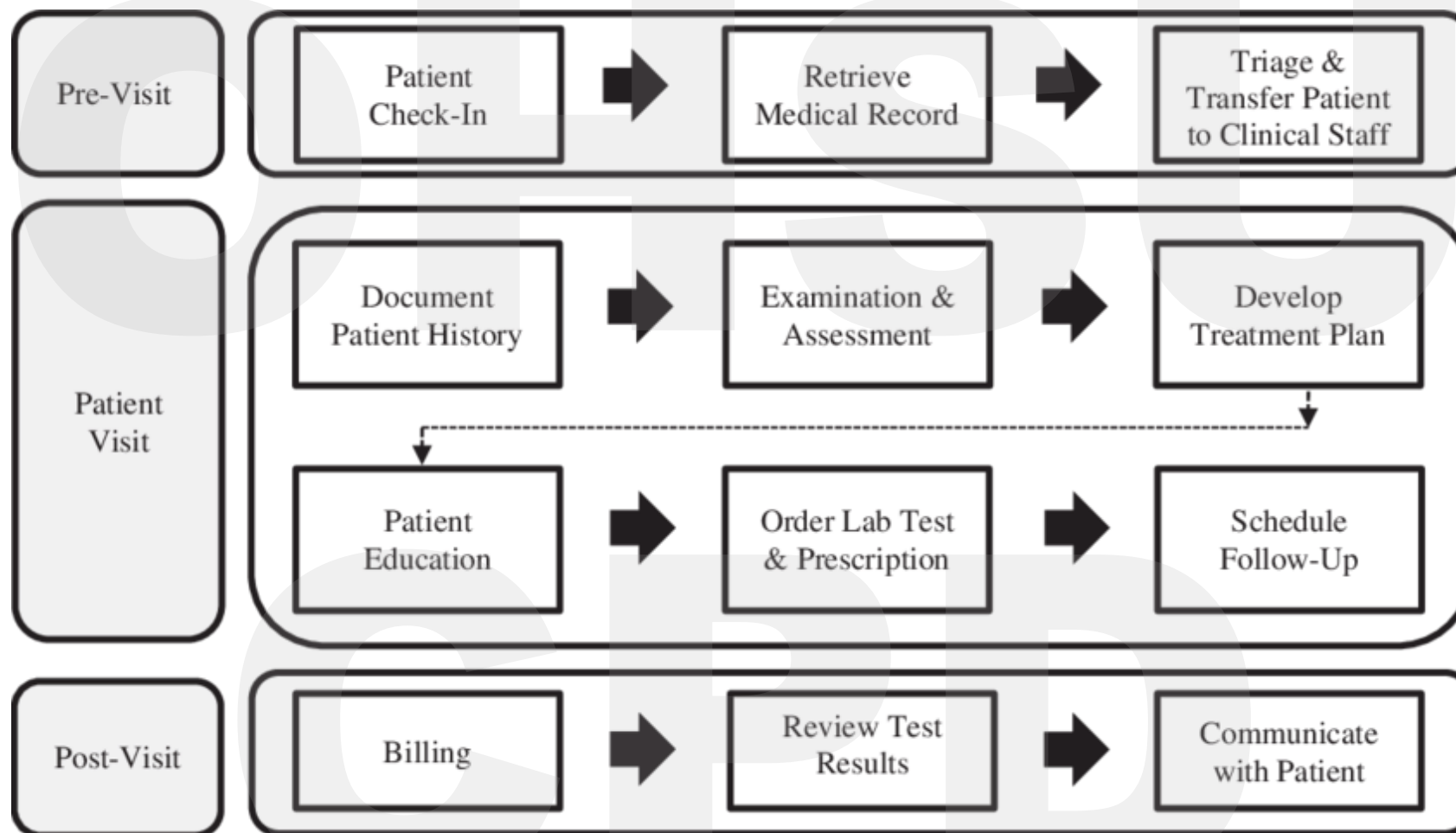
The University of California San Francisco offers a two fellowship program seeks to nurture creativity and ex fellows to become academic leaders. We aim to attract diverse backgrounds, who aspire to become future leaders serve culturally diverse and medically underserved populations diversity, equity, and inclusion. The first year is devoted to clinical education and training. The combination guidance of Tom Lue. MD.



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HIPAA and AI

Three “settings”

- Free, online submission
 - You are not the consumer
 - You are the product
- Paid application
 - *Possibly* HIPAA compliant
- Local AI
 - For the most part, HIPAA compliant
 - May be against company policies
 - Possible security risk

Administrative support

OHSU

CPD

Clinical decision tools

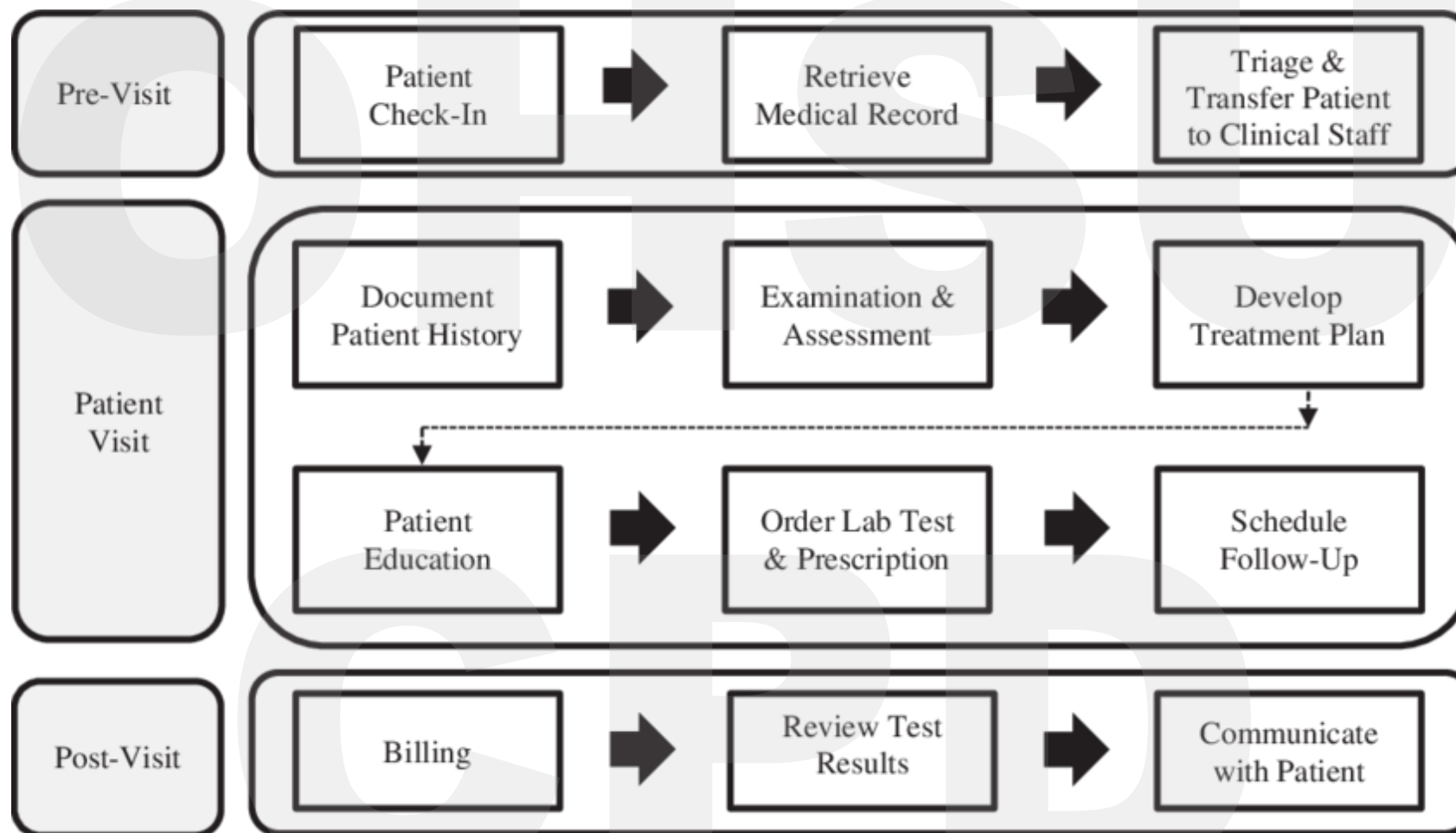
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ACGME

Milestone

Milestone

The knowledge, skills, and attitudes required to be competent in a particular specialty

EPA

Entrustable Professional Activities

A task that a physician performs daily in the clinical environment

OPA

Observable Professional Activities

An action that can be observed in the professional workplace



Milestone	Milestone The knowledge, skills, and attitudes required to be competent in a particular specialty
EPA	Entrustable Professional Activities A task that a physician performs daily in the clinical environment
OPA	Observable Professional Activities An action that can be observed in the professional workplace

Figure 1: Feedback System Flowsheet

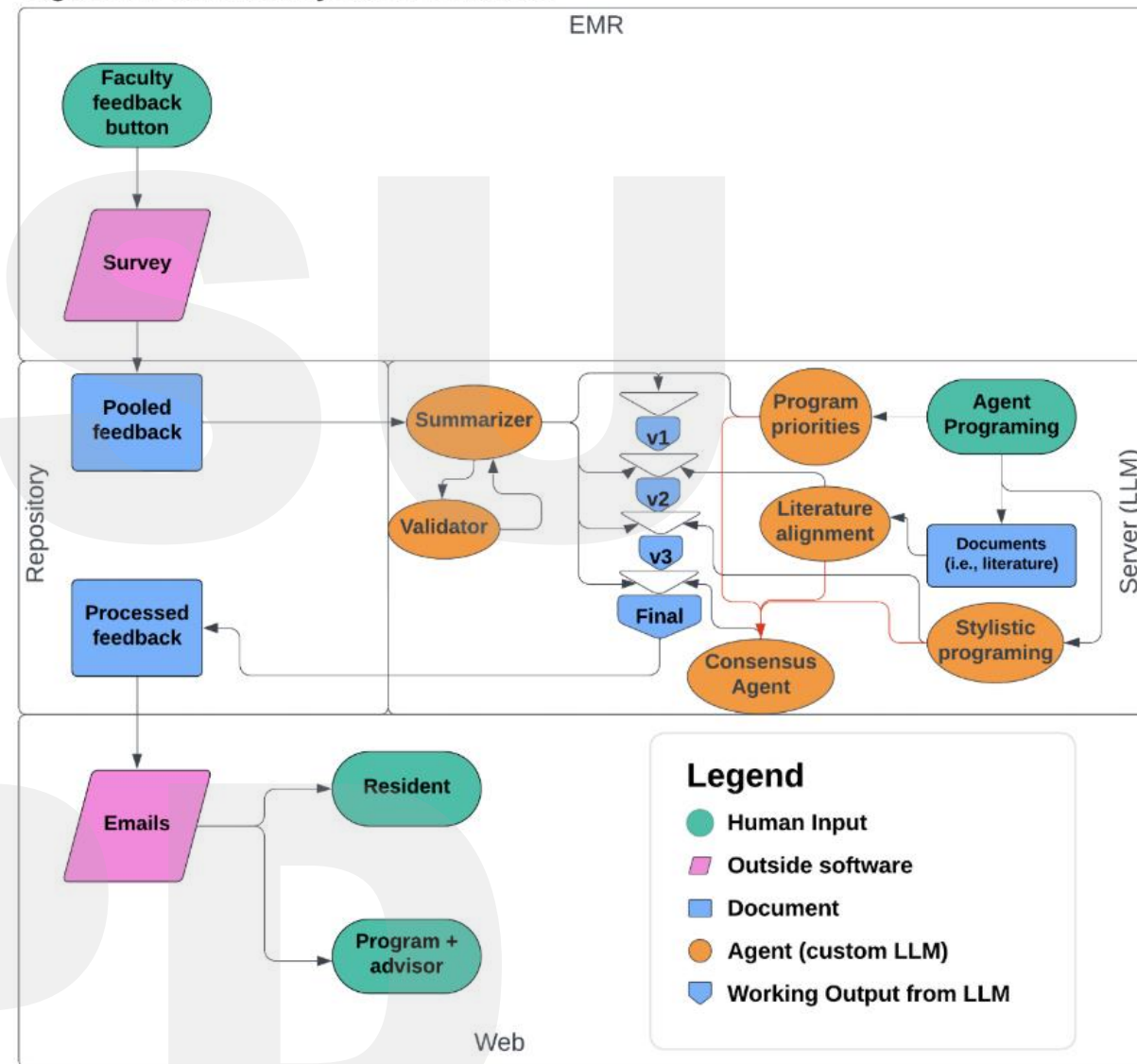


Figure 1: Simplified workflow of the feedback system. After feedback is pooled, it is input into the Large Language Model (LLM) where it will be summarized and the subsequent output will be validated against source material before being sent to the rest of the system. Each agent (custom LLM) will then integrate its own refinements into the document before being re-summarized and validated again against the source material. This repeats for every additional agent until each has contributed except the Consensus agent. At this penultimate step, Consensus agent will take critiques of the working document (v3 in this case) from each of the contributing agents and coordinate finding consensus. The final Processed Feedback report is then subsequently sent out to relevant parties. Technical aspects of this model and a more in-depth explanation of this workflow is reviewed in *Appendix 1*.

Clinical decision tools

- Controversial

Where should we go?

What is your biggest pain point?

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Where should we go?

What is your biggest pain point?

OHSU

CPD