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Scope

Ongoing work

- Managing safety
- The need for practical methods

Planned topics for investigation include

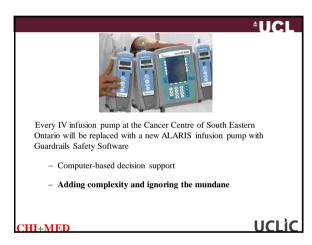
- compensatory strategies people adopt to manage work load

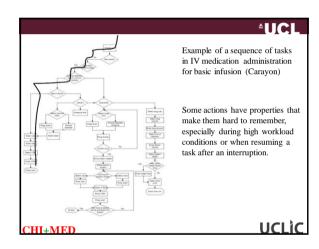
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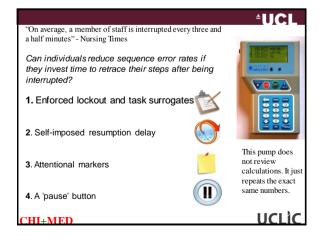
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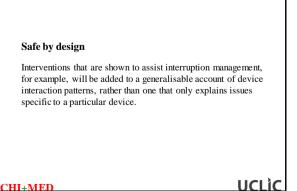
- capture errors when transferring between similar devices
- just-in-time cues for error recovery

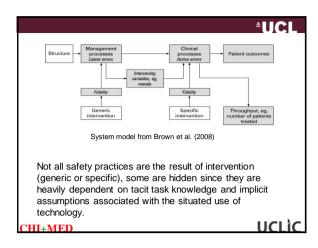
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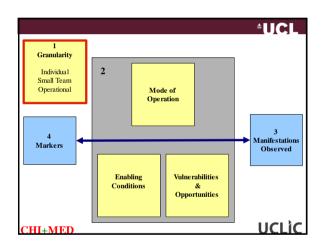


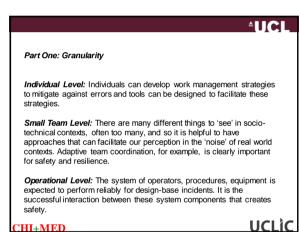


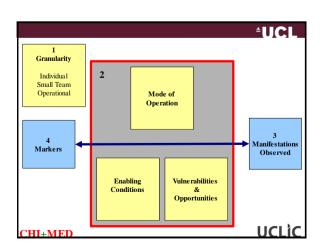


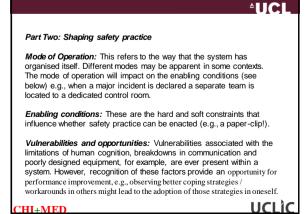
Markers Framework Provides a tractable representation of manifestations of safety and resilience during everyday performance. Need for a collective language to articulate knowledge of safe and resilient practices, within and across domains. Developed in response to the confusion caused by reporting findings, when categorising observations, without having a common frame of reference to make cross-study comparisons.

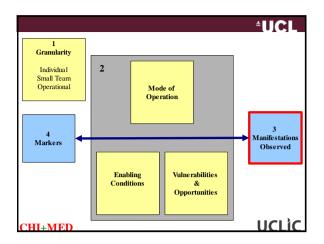
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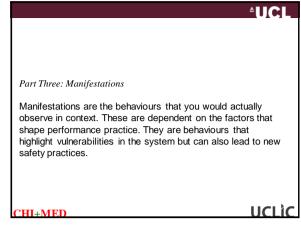


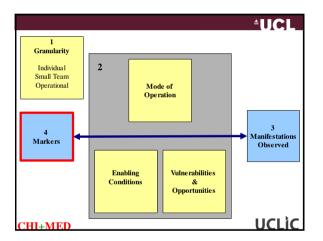


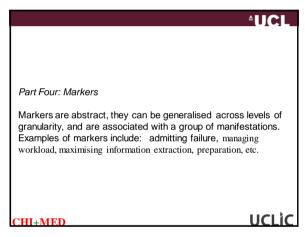












UCL Fictional Example A risk to patient safety: increased cognitive demands and new task procedures A small team works too slowly due to not being able to coordinate activities using the IT system $[granularity\ of\ analysis]$. The likelihood of this failure is increased during a transition period between old and new IT systems [mode of operation]. An experienced team may recognise that new team member roles are sometimes needed to maintain performance [enabling condition]. Recognising

that the group is not coordinating well [vulnerability] may result in a consultant being supported by a nurse during less busy times to prepare for upcoming work [opportunity]. The culture of reluctance to learn new technology (i.e., the new IT system) [manifestation] may result in an admission of failure (i.e., slow work) [marker] and result in a temporary solution (i.e., support from colleague).

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Conclusion

When surveying case studies we see that they do not share a common framework, which is a prerequisite to comparing safety practice within and across domains.

Our framework tries to be much more specific about recognising markers and manifestations and specifies important elements that affect practice.

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