

# Modelling of intended & ideal medication management processes for palliative care symptom control: an international scoping review

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**Aim: To model existing evidence for intended/ideal medication management processes in symptom control practices for adults at home, in hospital and hospice settings.**

## Background:

UK health policy documents commit to improving equitable access to personalised well-coordinated palliative care.

The UK Health and Care Act 2022 places a statutory requirement for Integrated Care Boards to commission palliative and end of life care services.

Palliative care focuses on quality of life of patients and families who are facing life-limiting illness. This often involves using medications for symptom control.

Medication-related events are reported in 19% of NHS serious incident reports involving palliative patients, mostly in patient homes, with half when specialists were not involved.<sup>1</sup>

## Results

19,753 titles/abstracts screened; 929 underwent full text review; 308 peer-reviewed and grey literature documents retained to build the model. Most of these (212; 69%) named process steps (without practical detail) involving expertise/judgement, supply chain/access, administration, (de)prescribing/rationalisation, monitoring/review. The remaining 96 papers warranted richer thematic analysis. Most studies were set in the UK, Australia or USA in home/community settings.

Analysis identified much 'hidden work' (participants' actions in medication management), 'hot spots' (problematic areas such as out-of-hours care and the reliance on carers) and 'cold spots' (areas with less attention such as whose responsibility for keeping carers informed of changes and what is adequate support for safe medicines use at home).

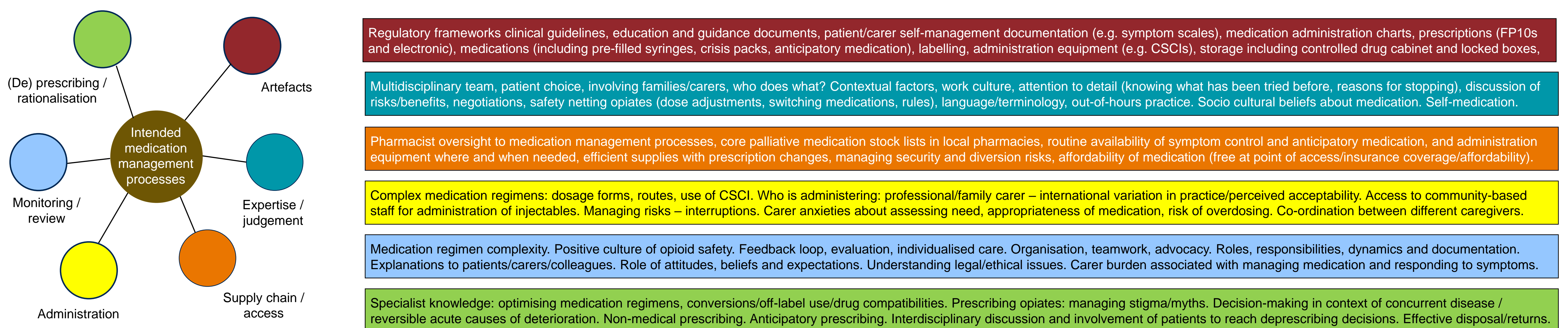
**Methods: Scoping review using JBI methodology.<sup>2</sup>**

- Population (P): (i) adults in the last phase of life, (ii) informal carers supporting those adults, (iii) healthcare professionals providing symptom control.
- Concept (C): multistep processes for medication use for symptom control in palliative care.
- Context (C): all care settings where palliative care may be anticipated, planned or happen.

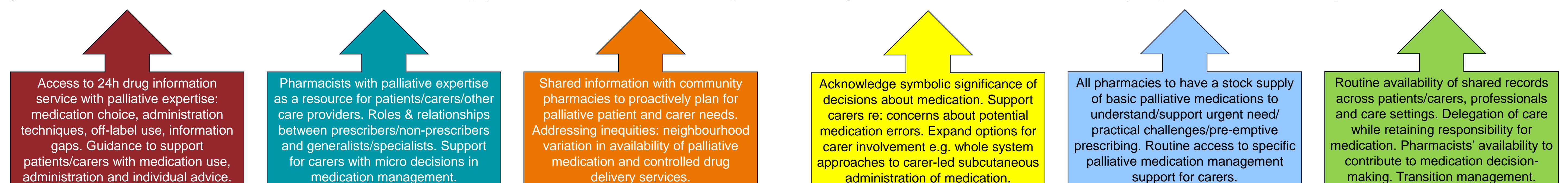
Systematic searches in Medline, CINAHL, Embase, Google scholar and Google images. No date limits; English language only.

Published and unpublished literature meeting the PCC criteria included. Data screening and extraction performed by two independent reviewers. Studies categorised inductively and results collated descriptively.

**Figure 1: Intended processes when palliative medications are prescribed and used for symptom control – what happens on paper**



**Figure 2: Additional features identified to support an *ideal* model of prescribing and medication use in symptom control in palliative care**



## Discussion

There is growing interest in how people can best to work together across boundaries to enable getting the right medication to the right person at the right time and place. This scoping review documents the existing evidence of intended processes and a model of ideal prescribing and medication use in symptom control in palliative care. Using ethnographic methods and the conceptual tools of Activity Theory<sup>3</sup>, we are currently deepening and refining understanding of hidden work, hot and cold spots with a study of what happens in practice<sup>4</sup> to build a theoretically-informed, empirically-evidenced model of medication management across palliative care contexts. This will facilitate the development of meaningful solutions to current challenges that are situated in the problems of practice i.e., based in work-as-done rather than work-as-imagined<sup>5</sup>.

## References

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