

Domperidone: Pharmacists Stimulating Clinical Change for Lactation Consultants

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Background

Domperidone is a common prescription galactagogue used off-label to treat lactation insufficiency. Prescriber unfamiliarity with its indication, safety and efficacy can delay access to therapy and increase the risk of breastfeeding discontinuation. This consequence could be avoided by involving appropriately trained International Board-Certified Lactation Consultants (IBCLCs) in the clinical screening, counselling and supply process traditionally belonging to prescribers.

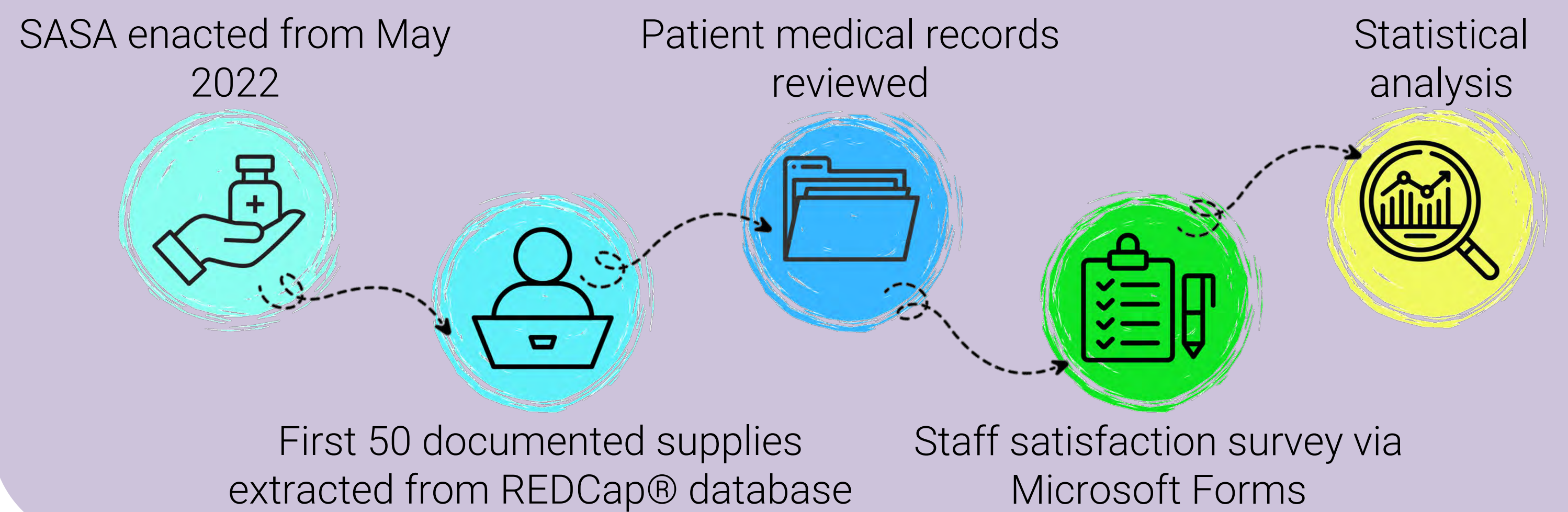
Structured Administration and Supply Arrangement (SASA)

- Created by the KEMH Pharmacy Department to facilitate domperidone supply for the treatment of lactation insufficiency in outpatients at the Breastfeeding Centre of WA
- Allows IBCLCs to supply domperidone (as Motilium® 10mg tablets) directly to patients
- Staff must complete an education training package
- Domperidone As A Galactagogue Checklist* used to assist with clinical screening
- Supply documented via REDCap® software

Aims

- ✓ Validate the *Domperidone As A Galactagogue Checklist* as an appropriate screening tool
- ✓ Assess IBCLC satisfaction with and compliance to the SASA
- ✓ Assess documentation of adverse effects and practitioner referral

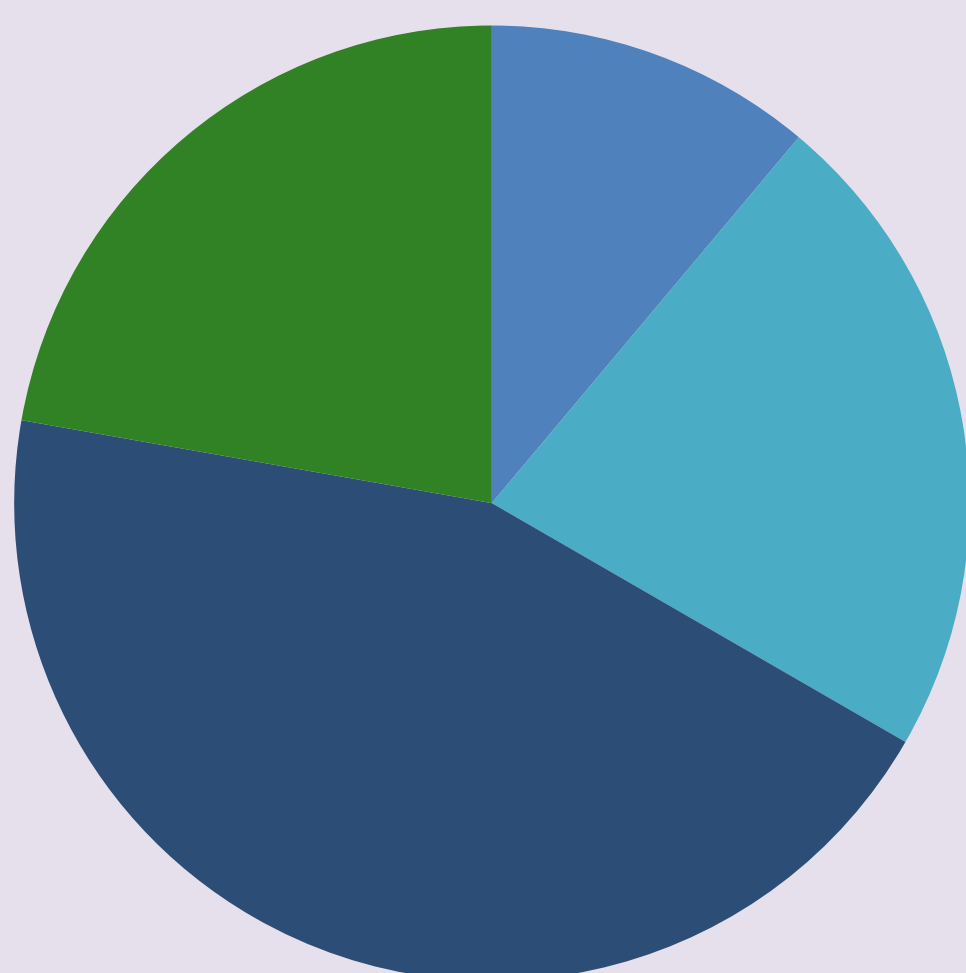
Methods



Results

Staff Satisfaction Survey

- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly disagree



REDCap® ease of use



4.56

average satisfaction rating

Patient Medical Record Review

- No ADRs listed
- No immediate referrals to medical practitioner
- No specific follow-up or weaning plans recorded
- Some additional information recorded (e.g. *"delay treatment until oral fluconazole course for vaginal thrush completed"*)

Survey Feedback from our staff:

"Thanks to KEMH pharmacy for supporting us with medication and breastfeeding!"

"I think clinically as we are taking a maternal history it is obvious that the patient does not meet the criteria to be given Domperidone at BFC and I would refer to the GP but might not fill out the checklist."

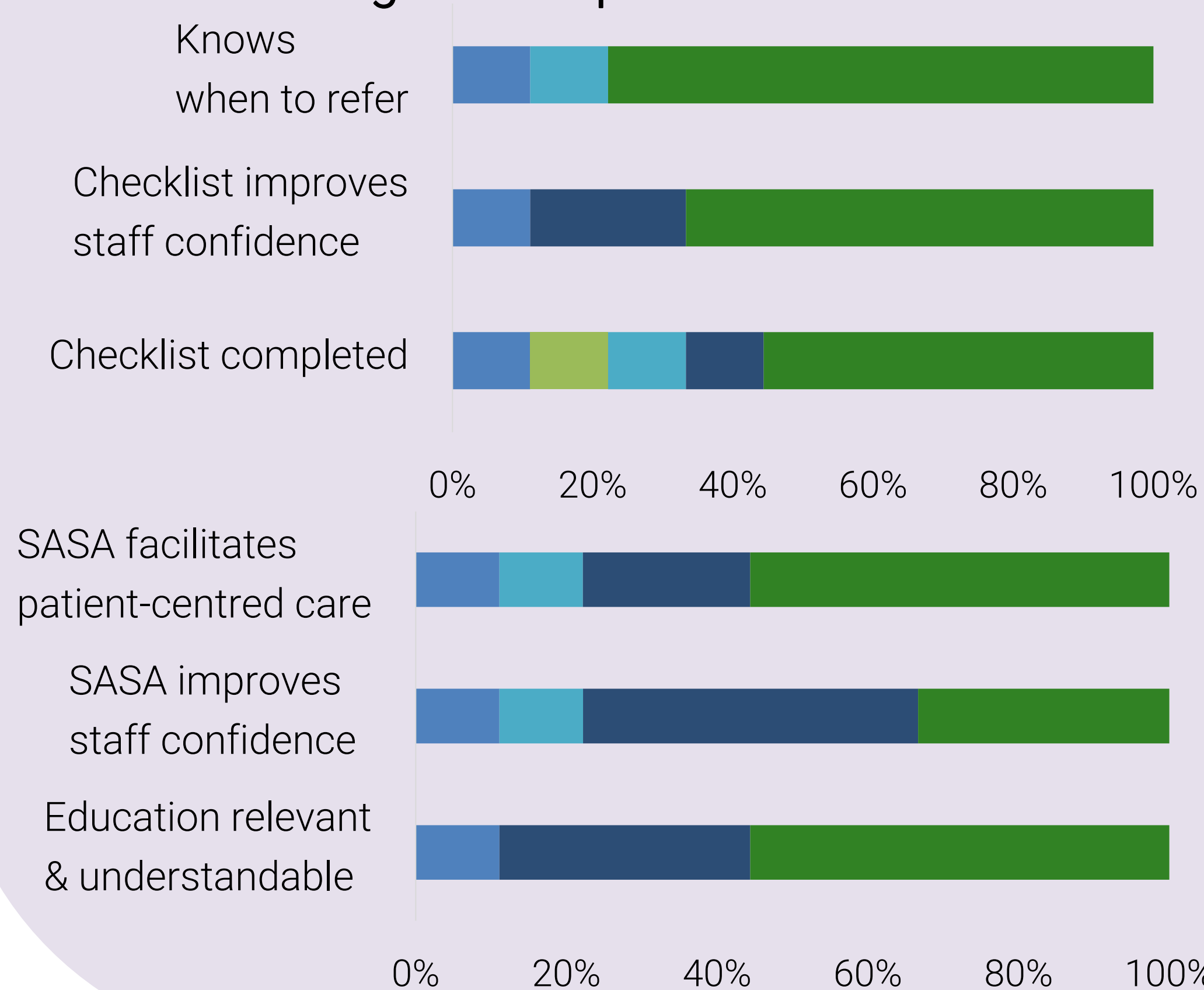
"I use the checklist in a private capacity as well."

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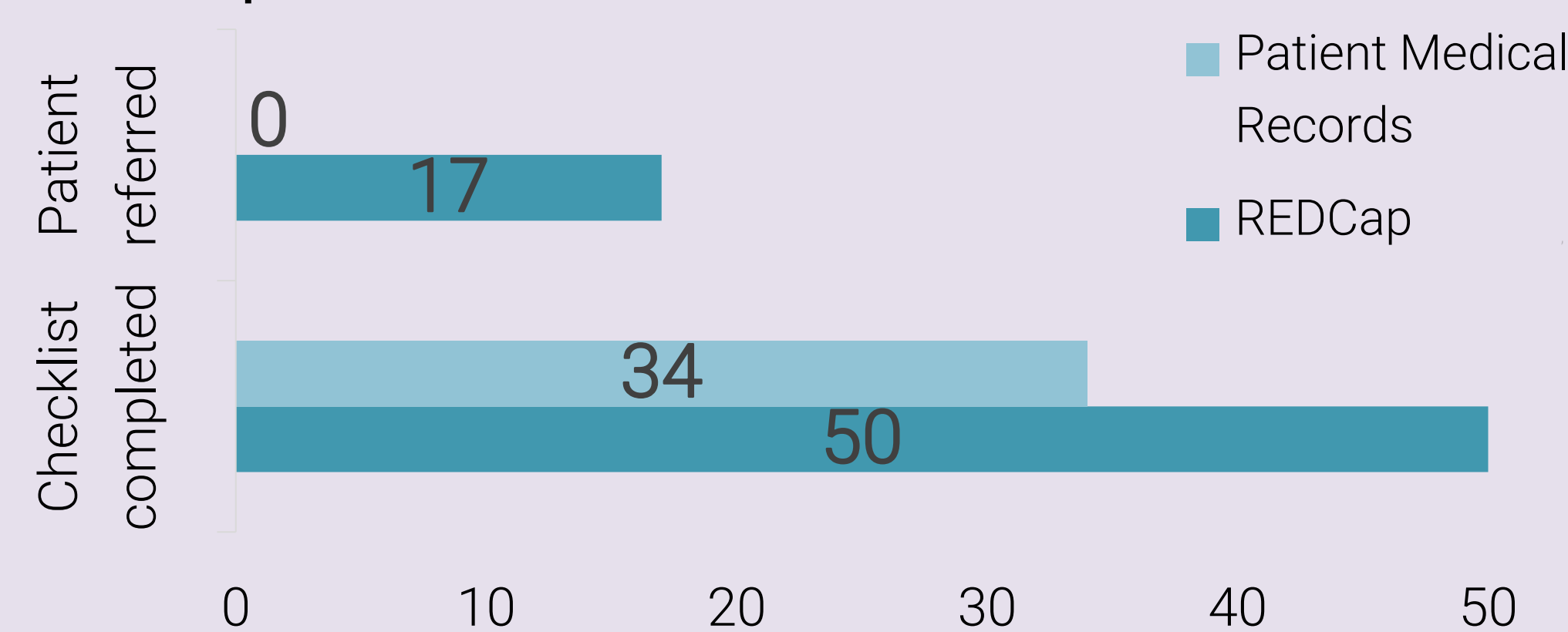
Nine IBCLCs also qualified as midwives & nurses responded to the survey



Staff Knowledge & Compliance



REDCap vs. Patient Medical Records



Conclusions

- IBCLC initiated domperidone is likely to reduce patient anxiety related to lactation insufficiency and encourage timely access to therapy
- IBCLCs were highly satisfied with the SASA as a whole and validated the *Domperidone As A Galactagogue Checklist* as clinically appropriate
- Discrepancy between the number of patients referred to senior physicians and inconsistent checklist completion by staff led to updates in the SASA to encourage consistent reporting
- The SASA will be further updated to include standardised frameworks for consistent documentation of additional and follow-up information
- This model of care may be developed in other sites to increase the scope of practice of other health professionals

