



PHARMACOLOGY KNOWLEDGE RETENTION IN PALLIATIVE CARE NURSES

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GRPCT



Acknowledgements

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- Jade Odgers
- Bernadette Matthews
- Kim Smith



Background

- Grampian Regional Palliative Care Team (GRPCT)
- Training Plan development
- 5000 Attendee's over four years
- Evaluation
- Aim of Study day:
 - Improve pharmacology knowledge
 - Assess knowledge retention of participants



Methodology

- Format
- Development of Questionnaire
- Anonymity
- Data Collection



Study Days

- Participants
 - Div 1 Nurses
 - Div 2 Nurses (Medication endorsed)
- 334 attendances
- Areas of practice
- Voluntary participation



Data Analysis

- Total attendances: 334
- Data excluded: 19
- Data for analysis: 315
- 6 week return: 36%

Findings

Pass rates

- Pre test: 23%
- Post test: 97%
- 6 week post test: 96%



Further Analysis

Sub analysis of four questions relating to:

- Nausea
- Pain
- Anxiolytics

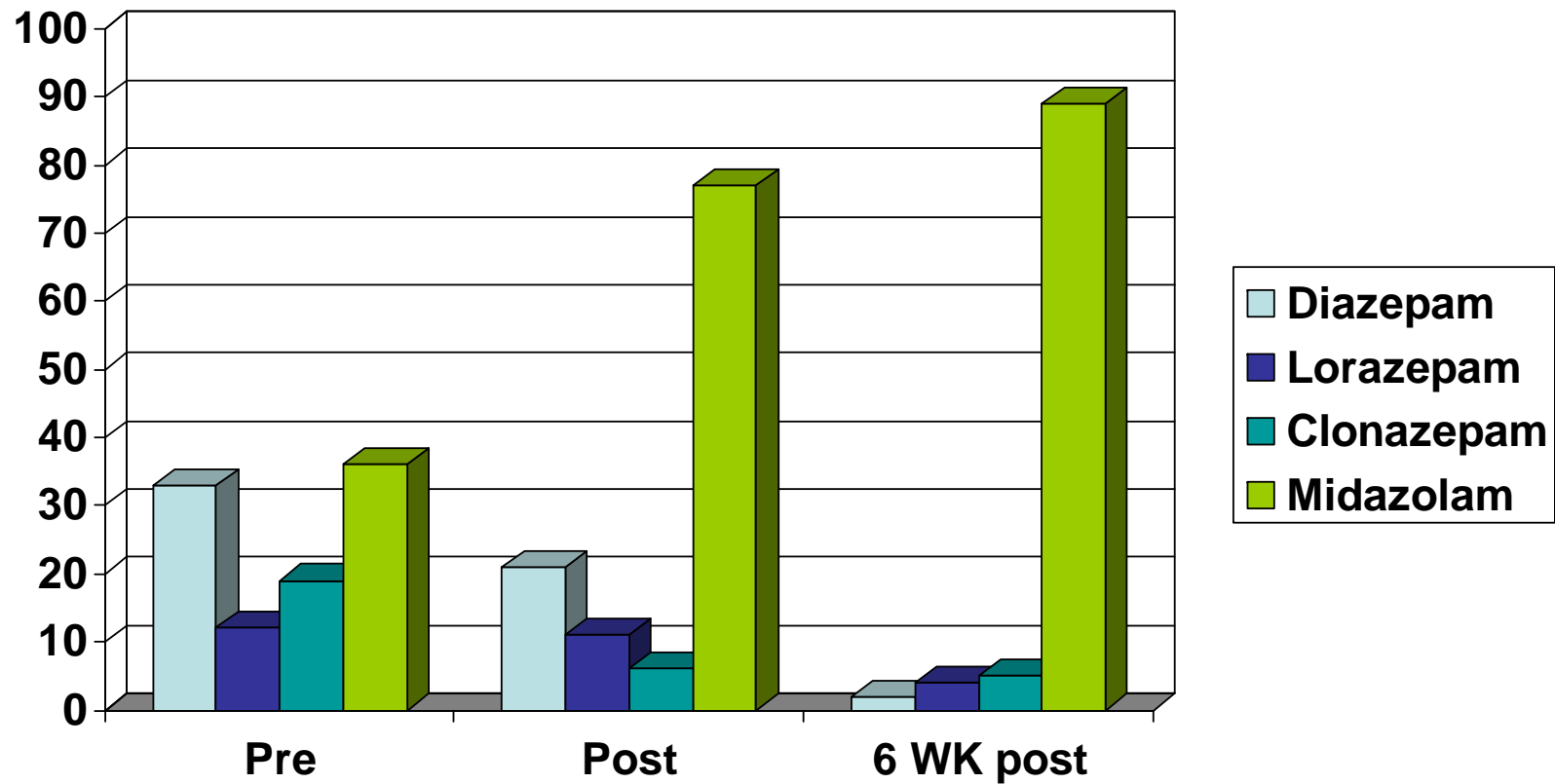
Questions

Which anxiolytic agent has the shortest half life in hours?

- A. Diazepam
14-200 hours
- B. Lorazepam
8-24 hrs
- C. Clonazepam
19-60 hours
- D. Midazolam
2-3 hours



Which anxiolytic agent has the shortest half life in hours?



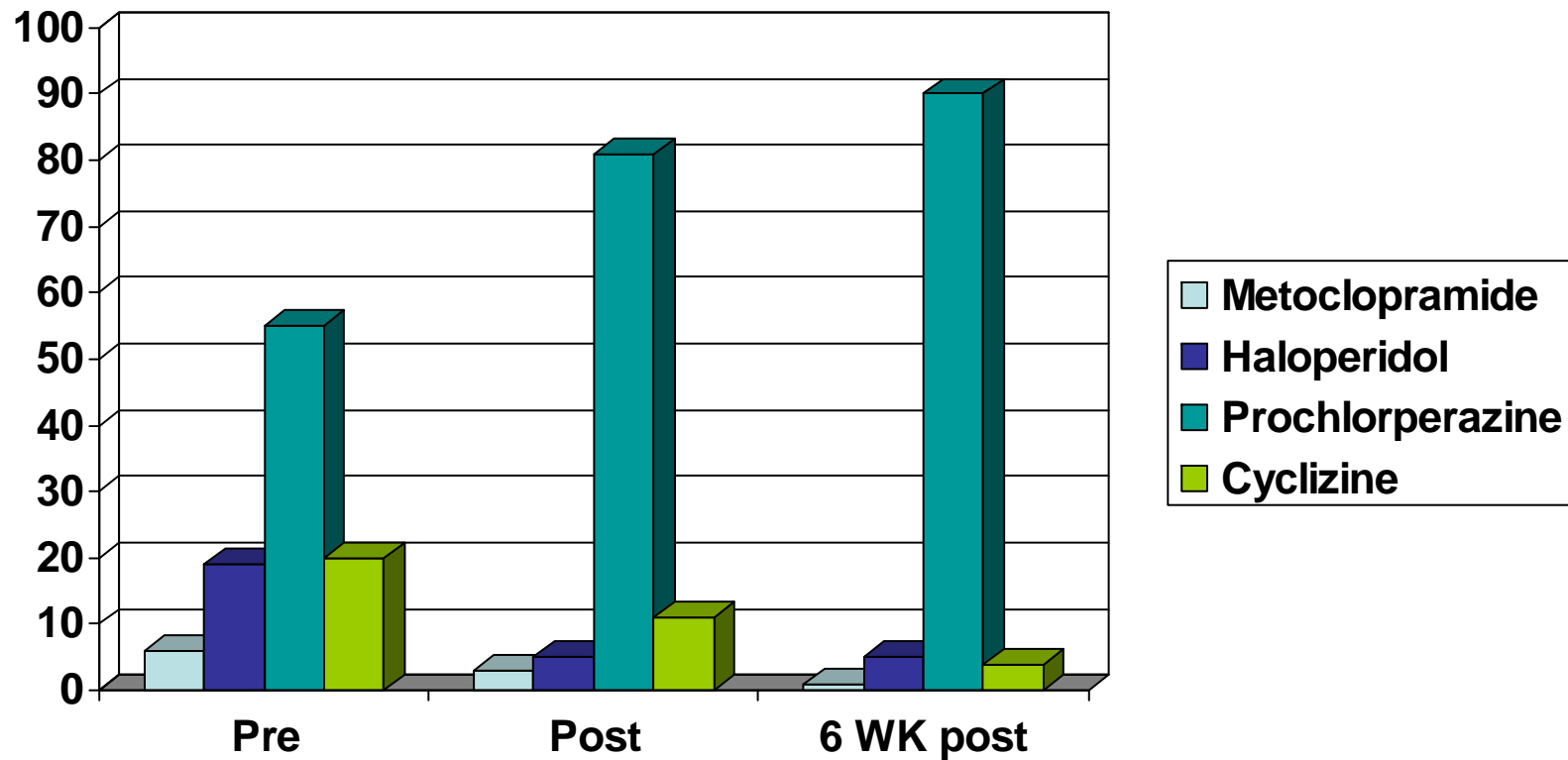
Questions

Which of the following drugs is not suitable for continuous s.c. infusion?

- A. Metoclopramide
- B. Haloperidol
- C. Prochlorperazine
- D. Cyclizine



Which of the following drugs is not suitable for continuous s.c. infusion?



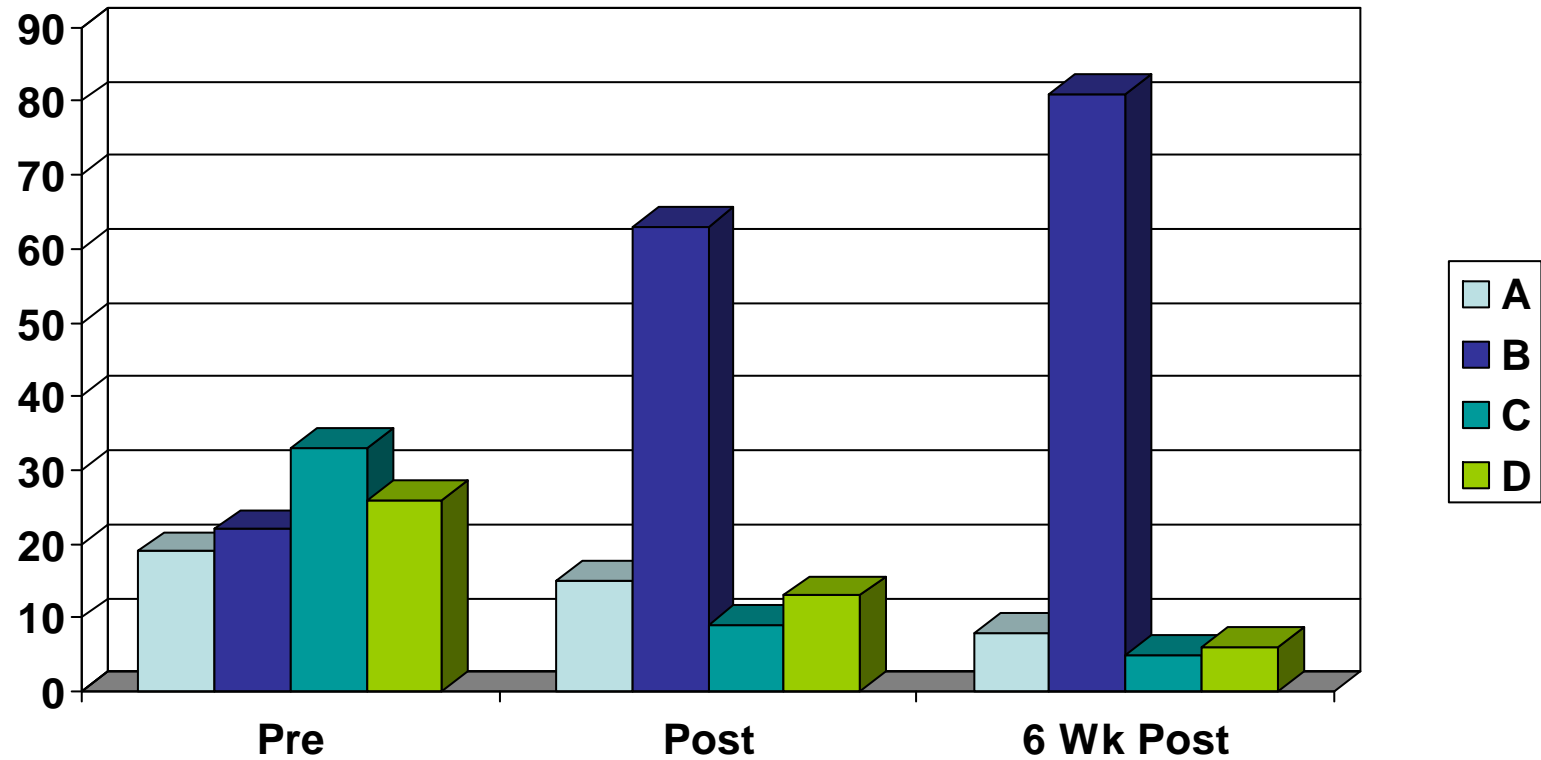
Questions

Concerning haloperidol, which of the following statements is true?

- A. s.c administration is more likely to lead to Parkinsonian side-effects than when given orally
- B. Its long half-life means it can be given only once or twice daily
- C. The usual anti-emetic doses cause significant sedation
- D. Its use is contraindicated in renal failure



Concerning haloperidol, which of the following statements is true?



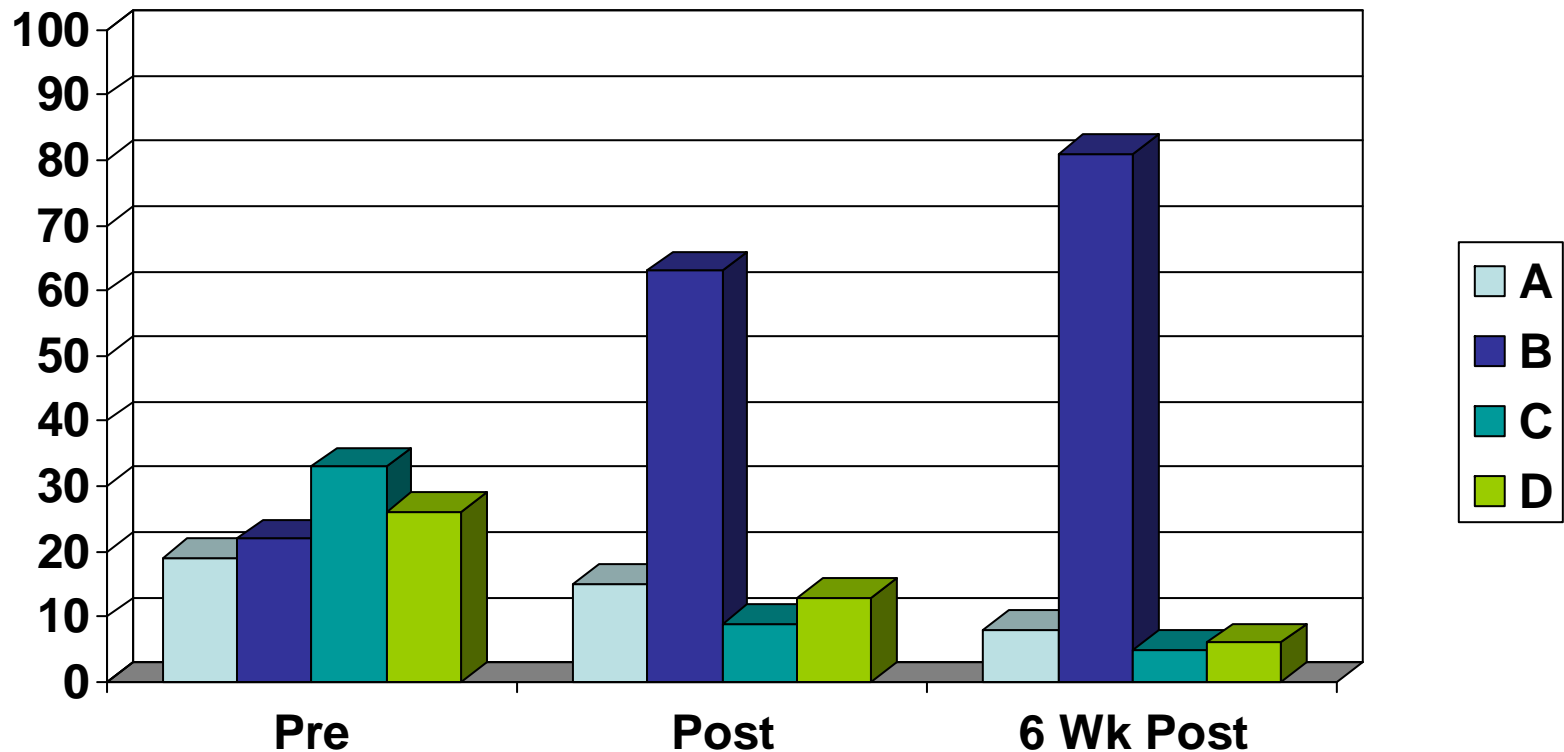
Questions


When changing a patient from twice-daily slow-release morphine to a fentanyl patch, when should the last dose of SR morphine be given?

- A. Give last dose of SR morphine in the morning & apply patch in evening
- B. Give last dose of SR morphine at the same time as applying patch
- C. Apply patch in the morning then give last dose of SR morphine 12 hours later
- D. Apply patch then give last dose of SR morphine 24 hours later



When changing a patient from twice-daily slow-release morphine to a fentanyl patch, when should the last dose of SR morphine be given?





**Where to from here:
Medication Dementia in Nursing?
Series 2 Study Days**



Questions.....

