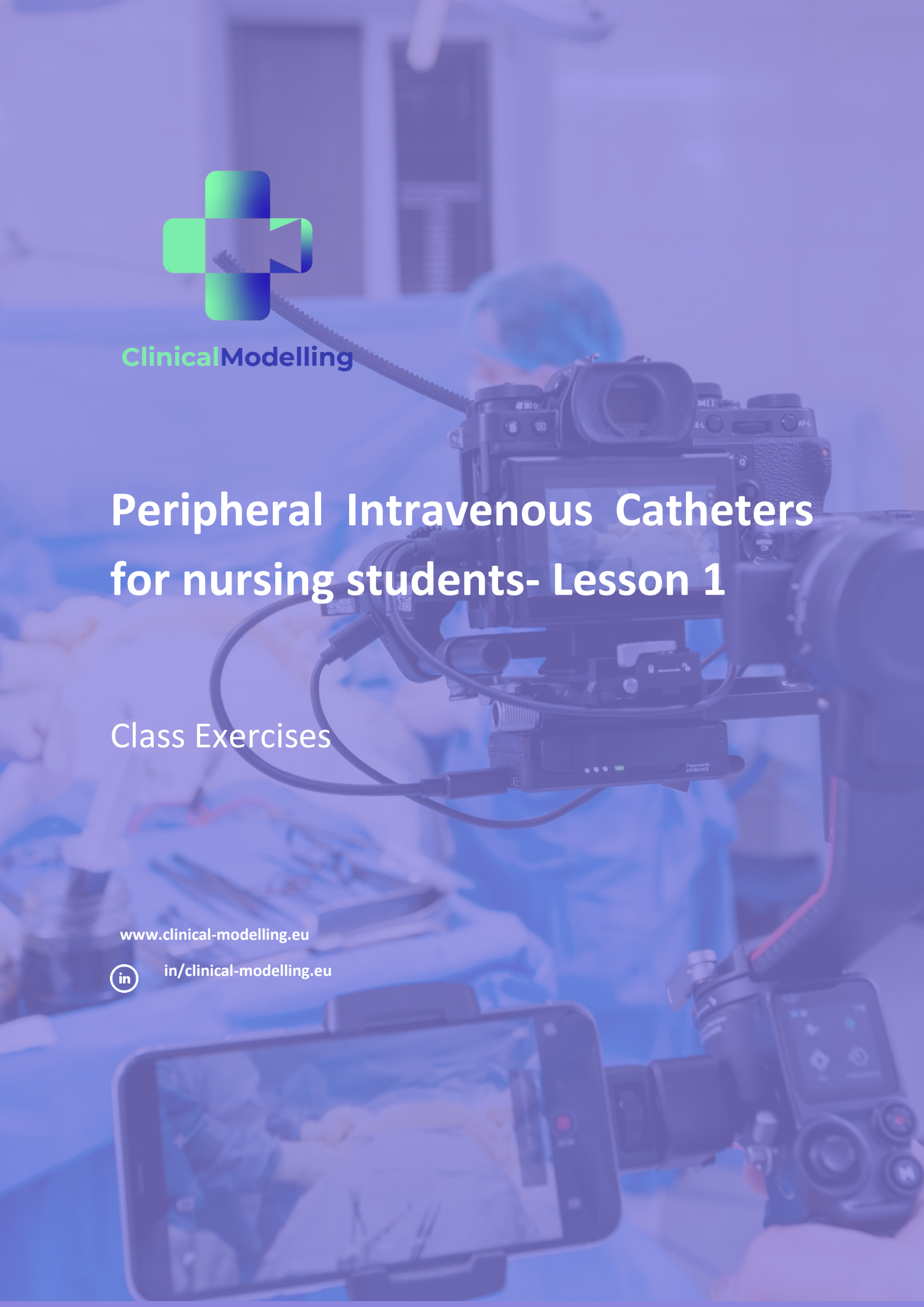

ClinicalModelling

Peripheral Intravenous Catheters for nursing students- Lesson 1

Class Exercises

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1. Introduction to the ClinicalModelling Project

Think-Pair-Share Exercise

Instructions: Think about the importance of video resources in healthcare training, specifically for Peripheral Intravenous Catheters (PIVC). Consider the following questions:

- How can video-modelling improve the consistency of PIVC training?
- What benefits do you see in having access to a video demonstration of PIVC skills?

Activity: Share your thoughts with a partner, and then present one idea to the class.

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2. Introduction to Video-Modelling Methodology in Healthcare Education

Quiz: Multiple Choice Questions

(use Mentimeter - https://www.mentimeter.com/)

What is the main theory supporting video-modelling in learning?

a) Cognitive Behavioral Theory

b) Social Learning Theory

c) Experiential Learning Theory

d) Information Processing Theory

Answer: b) Social Learning Theory

How does video-modelling reduce cognitive load for students?

a) By simplifying complex information into visuals

b) By allowing students to watch each step as many times as needed

c) By giving students control over their learning pace

d) All of the above

Answer: d) All of the above

Which aspect of Peripheral Intravenous Catheters can be particularly enhanced through video-modelling?

a) Reflective writing

b) Listening skills

c) Precision in catheter insertion and vein selection

d) Exam preparation

Answer: c) Precision in catheter insertion and vein selection

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3. Benefits of Video-Modelling in Healthcare Education

Case Study Discussion

Instructions: Read the following case:

"*A healthcare student is learning* ***Peripheral Intravenous Catheters (PIVC)****. She struggles with remembering the correct vein selection technique. Her instructor suggests she uses video-modelling to improve her technique.*"

Questions for Discussion:

- How can video-modelling help her overcome this challenge?
- What additional benefits might she gain by watching a video demonstration?
- How could she use this method for ongoing skill development?

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4. Types of Videos Used for Modelling

Quiz: Multiple Choice Questions

(use Mentimeter - https://www.mentimeter.com/)

What is the purpose of Basic Video-Modelling in healthcare training?

a) To record students performing a skill for self-assessment

b) To provide a point-of-view perspective of a procedure

c) To show a skilled practitioner performing a task for students to observe

d) To give step-by-step instructions in a segmented format

Answer: c) To show a skilled practitioner performing a task for students to observe

Which type of video-modelling involves the learner watching a video of themselves performing a skill?

a) Self-Modelling

b) Point-of-View Modelling

c) Video Prompts

d) Basic Video-Modelling

Answer: a) Self-Modelling

Why might Point-of-View Modelling be particularly useful in *Peripheral Intravenous Catheters* training?

a) It allows students to see the technique from their own perspective

b) It provides a narrated overview of the skill

c) It offers a high-level summary of the PIVC process

d) It gives a view of the instructor's facial expressions

Answer: a) It allows students to see the technique from their own perspective

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Which type of video-modelling breaks down a skill into individual steps for focused learning?

a) Basic Video-Modelling

b) Point-of-View Modelling

c) Self-Modelling

d) Video Prompts

Answer: d) Video Prompts

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5. Reflection on Video-Modelling Application

Reflective Exercise

Instructions: After watching a video demonstration of ***Peripheral Intravenous Catheters (PIVC)*** techniques, take a few minutes to answer the following questions:

- What did you find challenging about the technique demonstrated?
- What aspects of your own approach might you improve after watching this video?
- How confident do you feel about performing this technique, and what would help you feel even more prepared?

Share your reflections with a classmate and listen to their insights as well.

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