

Analysis and Problem Solving

Presentation guide

DC = Statement of the competence for a particular domain

E = Elements of the competence for a specific statement of competence

P = Performance criteria for competency; associated with a specific element of the competence

Domain of Competence DC.3

Assess one's own thinking throughout the steps and processes used in problem solving and decision making in a clinical setting

E3.1 Demonstrate critical judgment in professional practice

P3.1.1 Describe the elements involved in the process of critical thinking

P3.1.2 Discuss the impact and importance of critical thinking on patient care

P3.1.3 Demonstrate critical thinking in a clinical setting

E3.2 Evaluate and address issues surrounding equipment application and/or operation

P3.2.1 Describe the steps to ensure patient safety with respect to equipment and operation

P3.2.2 Describe the steps to ensure patient safety when equipment malfunctions

P3.2.3 Outline the communication process for equipment repair/servicing

P3.2.4 Perform logical, systematic searches for sources of error or malfunction in a clinical setting

P3.2.5 Provide immediate effective and safe patient care in the presence of error or malfunctioning equipment in a clinical setting

E3.3 Demonstrate problem-solving skills

P3.3.1 Describe the common elements associated with problem-solving

P3.3.2 Outline techniques used in systematic problem-solving

P3.3.3 Demonstrate problem-solving in a clinical setting

E3.4 Demonstrate decision-making skills

P3.4.1 Describe the common elements of the decision-making process

P3.4.2 Compare decision-making methods

P3.4.3 Demonstrate decision-making in a clinical setting

E3.5 Demonstrate prioritization skills

P3.5.1 Describe common time management skills and techniques

P3.5.2 Describe the importance of developing a plan

P3.5.3 Compare prioritization techniques

P3.5.4 Identify time and resource constraints

P3.5.5 Apply prioritization with respect to time management and planning of activities in a clinical setting
