

Module IV-5

Perioperative management

Overview	From time to time people with diabetes may have to undergo surgical or medical procedures that can disrupt their usual self-management. Diabetes educators should be able to assist people with diabetes to alter their meals and medication, including blood glucose-lowering agents or insulin, and so they can maintain their target blood glucose levels.
Goal	To be able to understand and anticipate the changing metabolic needs of the person with diabetes undergoing a surgical or medical procedure
Objectives	<p>After completing this module the participant will be able to:</p> <ul style="list-style-type: none"> • Describe the metabolic changes that occur during surgery • Describe the relationship between glycaemia and wound healing • Explain the stress hormone response and effects on glycaemia • Discuss the different principles of management for people with type 1 diabetes and type 2 diabetes undergoing fasting and surgery • Describe the different regimens for management of people on blood glucose-lowering agents and/or insulin • Discuss the different approaches for the management of minor versus major procedures • Explain the management of fasting hypoglycaemia • Explain the management of an insulin infusion • Describe effective post-procedural strategies, including the management of blood glucose, discharge planning, rehabilitation and follow-up appointments
Teaching strategies	Lecture, case studies
Suggested time	1 hour
Who should teach this module	Diabetes educator, endocrinologist

Evaluation of learning

Development of a perioperative management plans for different types of procedures

References

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