

Speaker Disclosure

• The speaker has no financial disclosures.

National Association of Pediatric Nurse Practition

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Learning Objectives

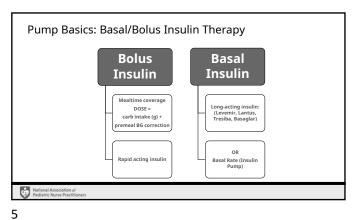
- Identify common insulin pumps and continuous glucose monitoring systems (CGMS) used in the treatment of pediatric diabetes.
- Recognize the impact of diabetes technology on the lives of children and families with diabetes.
- Describe approaches to support children wearing diabetes technology in the classroom and at home.
- Critically evaluate key data produced by common diabetes technology.

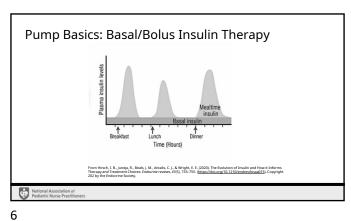
National Association of Pediatric Nurse Practitioner Lecture Outline

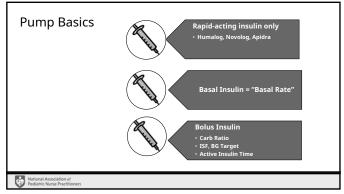
- Basal/bolus insulin basics
- Pump basics: basal rates/bolus settings
- What pumping looks like
- CGMS
- Types of insulin pumps
- Benefits of pump therapy
- Complications/issues with pump use
- Pump candidate selection
- Pump initiation/follow upManagement of pump patients
- Adult involvement

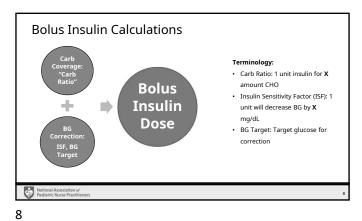


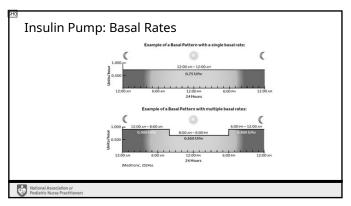
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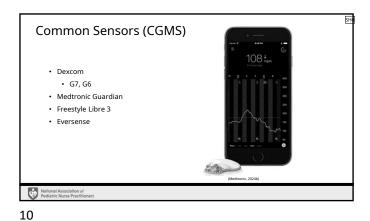


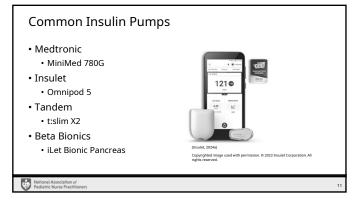


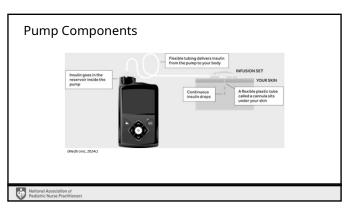












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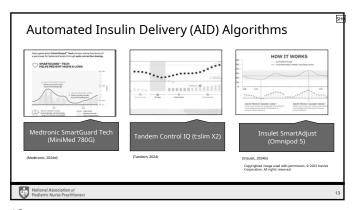
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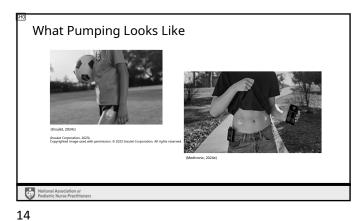
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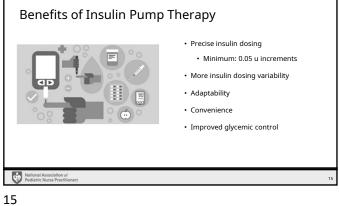
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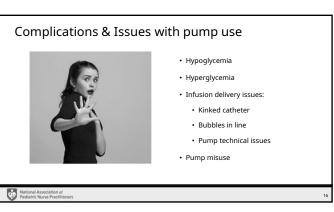
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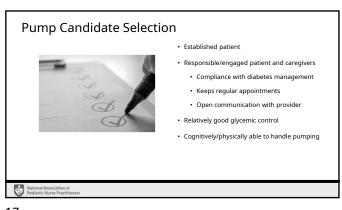
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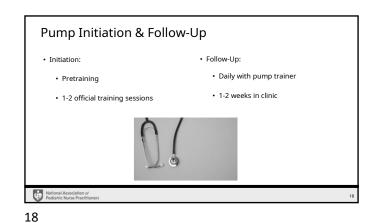
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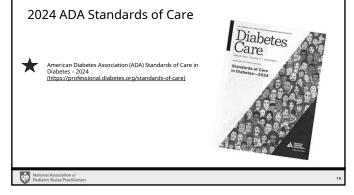
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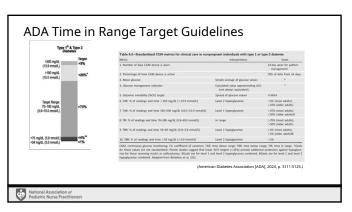
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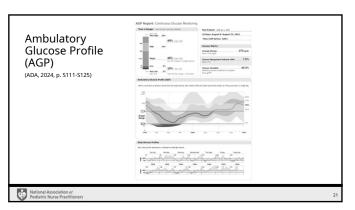
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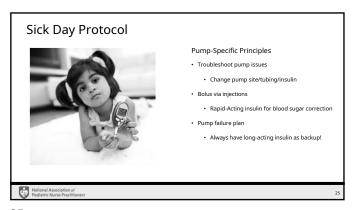


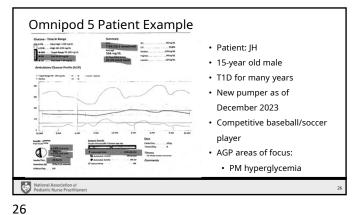


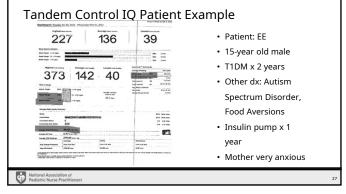


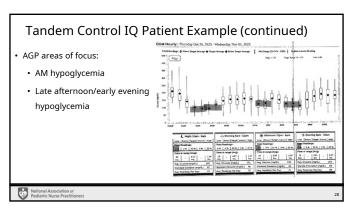












Resources

Technology Continuous Glucose Monitoring Systems (CGMS or

- Dexcom
 Freestyle Libre 3
 Medtronic Guardian Connect
 Eversense Implantable Sensor

Insulin Pump Systems: Medtronic Omnipod

- Tandem
 Beta Bionics Ilet Pump

Other Devices:
InPen Smart Pen Device



- Other Resources
 Association of Diabetes Care & Education
 Specialists (ADCES)
 Danatech (Diabetes Tech Focus)
 Pump Troubleshooting Resource
 Ivenile Diabetes Research Foundation (IDRF)
 Preventing/Managing DKA
 Using CGMS
 Resource for School
 Children with Diabetes (great resource for families)
 American Diabetes Association (ADA)
 The Diabetes Link (great resource for teens and young adults)



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Thank you!



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