## **Drug Information Table**

## Amylin mimetics – pramlintide (Symlin)

| THERAPEUTIC USE           | <ul> <li>Types 1 and 2 diabetes mellitus (as an insulin or hypoglycemic drug<br/>supplement)</li> </ul>                                                                                                                                                                                                                                                                                                         |
|---------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ADVERSE DRUG<br>REACTIONS | <ul><li>Hypoglycemia (severe) when combined with insulin</li><li>Nausea</li><li>Injection site reactions</li></ul>                                                                                                                                                                                                                                                                                              |
| INTERVENTIONS             | <ul> <li>Recommend a reduced insulin dosage when initiating therapy.</li> <li>Monitor for signs of hypoglycemia, which tends to occur within 3 hr after dosing.</li> <li>Recommend gradual titration of doses.</li> <li>Monitor for persistent nausea and vomiting (more common with type 1 than with type 2).</li> <li>Use appropriate injection technique for drug.</li> </ul>                                |
| ADMINISTRATION            | <ul> <li>Do not mix with insulin in the same syringe.</li> <li>Give subcutaneously</li> <li>thigh or abdomen</li> <li>prior to meals that contain at least 30 g of carbohydrates</li> <li>Rotate injection sites.</li> <li>Expect the peak action 20 min after dosing.</li> <li>Refrigerate unopened vials until their expiration date.</li> <li>Keep vials in use at room temperature for 28 days.</li> </ul>  |
| CLIENT INSTRUCTIONS       | <ul> <li>Wear a medical alert bracelet.</li> <li>Watch for and report symptoms of hypoglycemia, especially 3 hr after dosing. Test blood glucose to confirm, then consume a snack of carbohydrates, and retest in 15 to 20 min and repeat if still low.</li> <li>Carry a carbohydrate snack at all times.</li> <li>Lie down when feeling nauseated.</li> <li>Instruct on proper injection technique.</li> </ul> |
| CONTRAINDICATIONS         | <ul><li>Poor insulin regimen adherence</li><li>Gastroparesis and drugs affecting GI motility</li></ul>                                                                                                                                                                                                                                                                                                          |
| PRECAUTIONS               | Visual or dexterity impairment                                                                                                                                                                                                                                                                                                                                                                                  |
| INTERACTIONS              | <ul> <li>Insulin increases the risk for hypoglycemia.</li> <li>Absorption of oral drugs slows, so clients should take them 1 hr before or 2 hr after pramlintide.</li> <li>Drugs that slow gastric emptying, such as opioids, and drugs that delay food absorption, such as acarbose (Precose) and miglitol (Glyset), further slow gastric emptying.</li> </ul>                                                 |