Insulins

Match to correct answer

1. What insulin's are rapid acting? B

2. What is a short acting insulin? A

3. What is an intermediate insulin? E

4. What are long acting Insulins? C

5. What is regular insulin? D

A. Humilin R

B. Humalog & Novolog

C. Levemir & Lantus

D. Short acting

E. Humulin N

Use complete sentences. Must a paragraph. Please reference any sources you use

What is the importance of using the correct steps to mix two types of insulin?

- Inject air into NPH.
- Inject air into Regular insulin.
- Pull back same amount of air injected for regular insulin
- Pull back same amount of NPH from air injected
- Add the amounts of insulin together and recheck math to ensure proper dosage.

The importance of using these steps in the correct order is to ensure the body will properly absorb the insulin given and prevent the waste of insulin. If the regular clear insulin is injected into the NPH cloudy insulin it will alter the dosage and the way the body absorbs it. When drawing back from the cloudy insulin it is important to roll the bottle between the palms of your hands this method is used to prevent bubbles from forming which may also alter the dosage of insulin given.

What is the role of the nurse in preventing an incorrect insulin dose from being administered?

A nurse can prevent an incorrect insulin dose by giving proper education to a client who uses insulin. Educating a client on the proper steps is important to prevent error and waste. Using the teach back method would be a very useful tool in the current situation. Giving the client

the proper steps to inject insulin is essential for maintaining good health for a diabetic client. The nurse should also ask the client what questions they have for them just in case there is any hesitation.

Discuss the importance of having a second nurse available to check the insulin?

The importance for having a second nurse available to check insulin is to prevent error and waste. The client’s health may be compromised if the wrong dosage is given. The client may not receive enough insulin and stay hyperglycemic or receive too much insulin and become hypoglycemic. Double checking your work is vital when giving insulin to a client.