

Margaret H. Rollins School of Nursing
Nursing 102
Insulin Subcutaneous Injection Lab

Insulin Injection Procedure	Rationale
Verifies physician order on chart, compares to EMR.	
Checks chart for allergies.	
Gathers equipment.	
Performs hand hygiene.	
Reads EMR, selects proper medication from drawer. Compares label with EMR. Checks expiration dates.	
Assess glucose level and determine previous injection site. Level: Previous Site:	
Prepares insulin vial by rolling between palms to mix (cloudy) and inspects sides & base for clumps.	
Cleanse top of vial with alcohol swab. Withdraws prescribed amount of medication.	
Rechecks label with EMR. Checks medication dosage and PCP's order with another student. **High Alert Medication**	
Goes into room, follows appropriate hand hygiene and medication administration guidelines.	
Identifies the patient using two methods by asking the patient to state name & birth date. Compares information with EMR and ID band. Checks allergy band.	
Explains the purpose and action of the medication to the patient.	
Performs hand hygiene and puts on clean gloves. Identifies need for site rotation and selects appropriate site.	
Cleanses area with an alcohol swab using firm circular motion while moving outward from site.	
Performs Insulin injection using the subcutaneous technique.	
Engages safety shield or needle guard. Does not recap the used needle. Discards needle and syringe in the appropriate receptacle.	
Assists patient to position of comfort.	
Removes gloves and disposes of them properly. Performs hand hygiene.	
Evaluates the patient response to medication. Checks immediately and within 30 minutes afterward.	
B. Mixing Insulin Not Permitted @ Beebe	Does not perform
Removes cap that protects insulin and cleanses top with	

alcohol. If insulin is in a suspension (cloudy), gently rolls and agitates to mix it well.	
Measures air equal to dose of cloudy insulin and injects into cloudy insulin vial. Measures air equal to clear insulin dose and injects into clear insulin vial.	
Inverts clear bottle and syringe so that needle is within fluid volume and draws required dose. Removes air bubbles. Removes needle and syringe from clear insulin vial.	
Returns syringe and needle to the cloudy insulin vial. Inverts bottle and syringe so that needle is within fluid volume. Withdraws the required dose without pushing any of the clear insulin into the cloudy.	
The total number of units in the syringe is equal to the total number of units ordered.	
Administers injection of mixed insulin as previously listed above.	