case 9		
Use Case Step	**Information Transfer**	**Transaction level functions**
1. Patient registered at hospital	Patient presents for treatment and is assigned an identifier. The demographic data is captured.	
2. Patient admitted to ICU	A Physician creates an order to admit the patient. Patient is taken to floor and put in a bed by nursing. Admitting office is also logging patient to a bed.	ADT Placer sends ADT^A01 to admit patient. The CIS and Device (or gateway) receives this.
3. Registration discovers previous id and merges patient	Registration staff finds duplicate identifier and merges patient right after the admit. (Procedurally, registration may choose not to merge patients until post discharge.)	ADT Placer sends A40 message to merge patient. Assume that the merge message fails in either the CIS or the device.
4. Nurse initiates bedside flowsheet in ICU, confirms patient location	Nurse confirmation of patient location (step 3) because hospital ADT not always reliable & timely enough for up-to-minute device data association	
5. Monitor & vent data flow to flowsheet	The inbound messages contain patient id and location. Since the patient id's don't match then should the CIS respond with an negative acknowledgement and reject the message?	Device or gateway sends ORU^R01.
6. Nurse validates data on the flowsheet to be included in patient permanent record.		