Case 1		
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 receives this but the device/gateway does not receive this.
3. Nurse initiates bedside flowsheet in ICU. Nurse associates patient to bed in CIS.	Nurse confirmation of patient location because hospital ADT not always reliable & timely enough for up-to-minute device data association	
4. Nurse 'admits' patient to monitor (& ventilator)	Ventilator assumed to connect thru monitor (not always true). A query is done to get patient names and the nurse picks the right name on the list. This step is impossible on some devices.	
5. Monitor & vent data flow to flowsheet	The CIS uses the Patient Identifer as assigned by the ADT Placer system to associate the observations to a patient. The CIS doesn't need to use the patient location or device identifier for that association because the nurse has already done this in both the device/gateway and the CIS.	Device or gateway sends ORU^R01.
6. Nurse validates data on the flowsheet to be included in patient permanent record.	optional? This is screening for too many data values (Frequency of data) or screening for artifacts in the data are incorrect.	