Summary of Ticket Number and Requests on Manufacturing IV

No.	Ticket #	Description	Requests	Solution
1.	I-PhIS01526 1916S	**(1.4.1) Medication Order - Request to enable edit Infusion Rate** User request to enable edit Infusion Rate fill on Infusion Order. User stated when he edit the infusion over(hour and minute) will affect the infusion rate. IPAD Version 1.4.1	To update infusion rate calculation	To update calculation as: Infusion Rate = Fluid Volume / Infuse Over Fluid Volume = Infusion Rate * Infuse Over Infuse Over = Fluid Volume / Infusion Rate
2.	I-PhIS01209 6415S	**IV Order - Request for Ordered Concentration, Infusion Rate and Duration editable** User request variable not automatic calculation for column "Ordered Concentration", "Infusion Rate" and "Duration" at screen "Infusion Oder"	To update infusion rate calculation	
3.	I-PhIS01221 1315S	**Order management (IV) - Request to be able to alter Ordered concentration and infusion rate** "User reported iPad version for "Infusion Order" is not user friendly, because unable to alter Ordered concentration and infusion rate e.g. IV Pantoprazole 80mg in 50cc NS run at 5cc per hour (unable to key in infusion rate) and IV Noradrenaline 8mg in 50cc NS run at 10.3cc per hour (=0.5mcg/kg/min) Unable to key in infusion rate."	To update infusion rate calculation	
4.	I-PhIS01615 1216S	**Request to add Patient IC No for PN and IV drug label.** Request to add Patient IC No for PN and IV drug label.	Add patient No in IV drug label	Add patient No in IV drug label

Function Flow	Current Version 2.0	New Version 2.2

1. IV Admixture: Update calculation for Dosage, Infuse Over and Infusion Rate	1. Medication Order/Record Prescription - Infusion order screen:
	   a. Medication Order
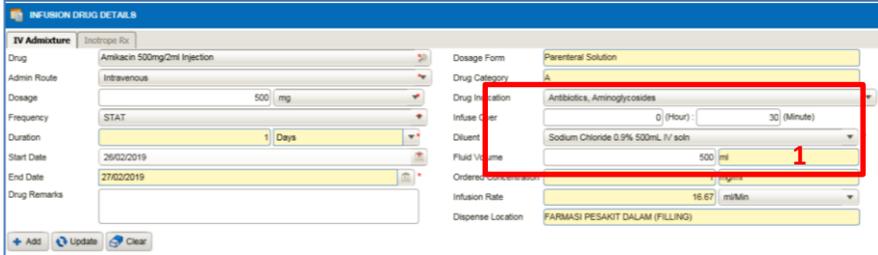	
	   b. Record Prescription
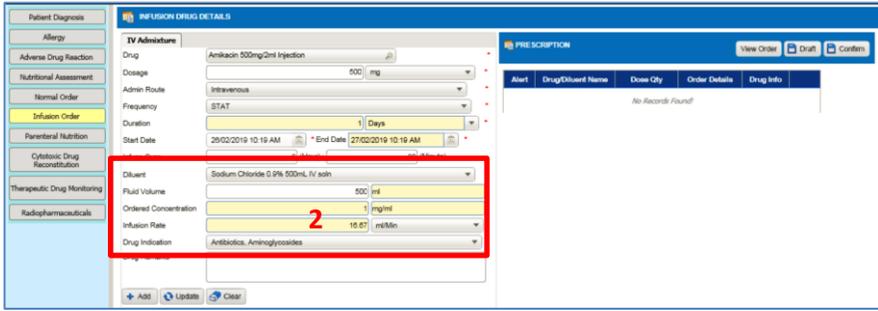	
	2. *'Infusion Rate' and 'Ordered Concentration'(1) and (2)* fields are NOT editable.
	3. Infusion calculation are using current formula.
		1. Medication Order/Record Prescription - Infusion order screen:
		   a. Medication Order
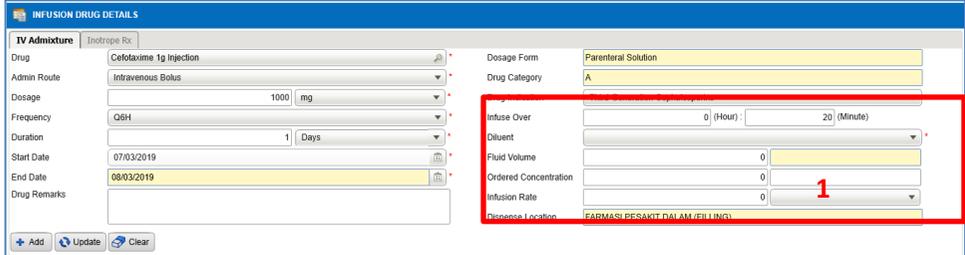		
		   b. Record Prescription
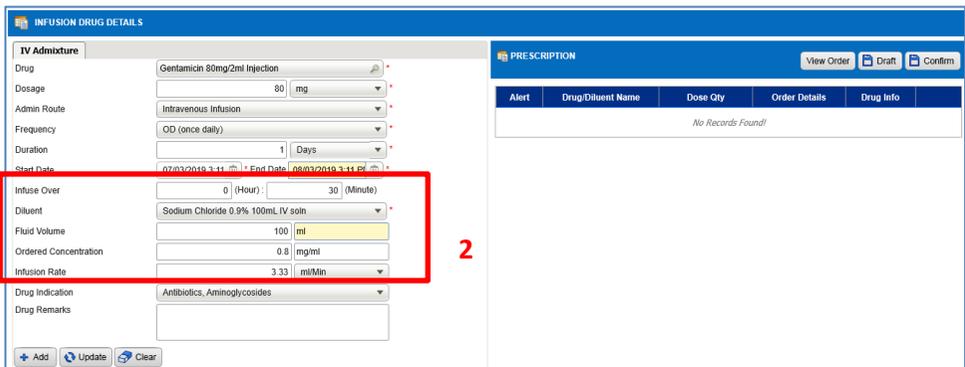		
		2. *'Infusion Rate' and 'Ordered Concentration' (1)* fields are editable and calculated based on formula below:
		   a. Infusion Rate = Fluid Volume / Infuse Over (Default calculation)
		   b. If user change 'Infusion Rate' value >> Recalculate: 'Infuse Over' = Fluid Volume / Infusion Rate.
		   c. Ordered Concentration = Dosage /Fluid Volume (Default calculation)
		   d. If user change 'Ordered Concentration' >> Recalculate: 'Dosage' = Ordered Concentration * Fluid Volume

Function Flow	Current Version 2.0	New Version 2.2
2. IV Admixture: Add patient ID No in label	1. IV Admixture – Preparation screen: Print label **IV Admixture Pharmacy** **Hospital Pakar Sultanah Fatimah, Muar** Patient Name: ZXXXXX XXXXXX XXXXX XXX XXXXX MRN: HPSF00001344 — WAD 1 (PSY - P) Drug Name: Esomeprazole 40mg Injection — Bed No: Dose: 40 mg / 5 ml (Conc: 0.08 mg/ml) in 500 ml Sodium Chloride 0.9% 500mL IV soln Route: IV — Freq: BD (twice daily) — Infuse Rate: 250 ml/Hour Prepared Date: 19/10/2018 — Exp Date: 19/10/2018 Indication: Peptic Ulcer and Gastro- — Price: RM 65.36 Storage: Refrigerate (2 - 8 C)	1. IV Admixture – Preparation screen: Print label, label layout updated as below: **IV Admixture Pharmacy** **Hospital Tanah Merah** PATIENT TEST IV ——— **1** htmh00107858 — WAD 1 — 441204035293 Drug Name: Cefotaxime 1g Injection — Bed No: Dose: 1000 mg / 4 ml (Conc: 4 mg/ml) in 250 ml Sodium Chloride 0.9% 250mL IV soln Route: IVB — Freq: Q6H — Infuse Rate: 12.5 ml/Min Prepared Date: 07/03/2019 — Exp Date: 07/03/2019 Indication: Third-Generation Cephalosporins Price: RM 1.00 Storage: a. Add in *patient ID number(1)* b. Remove labeling '*Patient Name:' and 'MRN:'(1)* c. Remove line between patient name and MRN number d. Adjust MRN, Visit Location and ID Number to be in one line