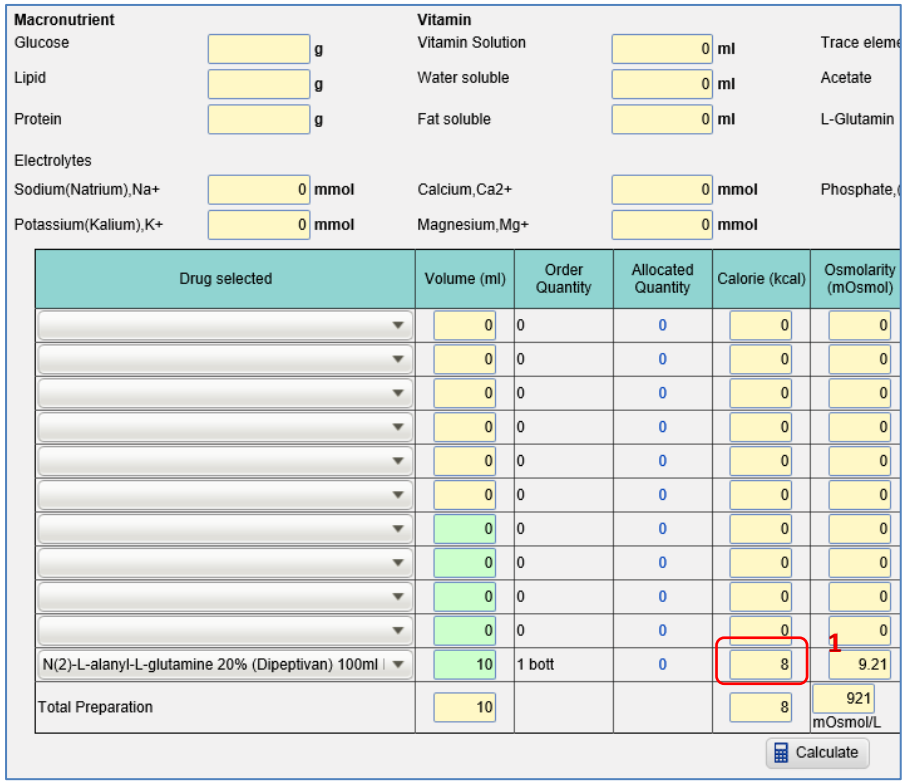
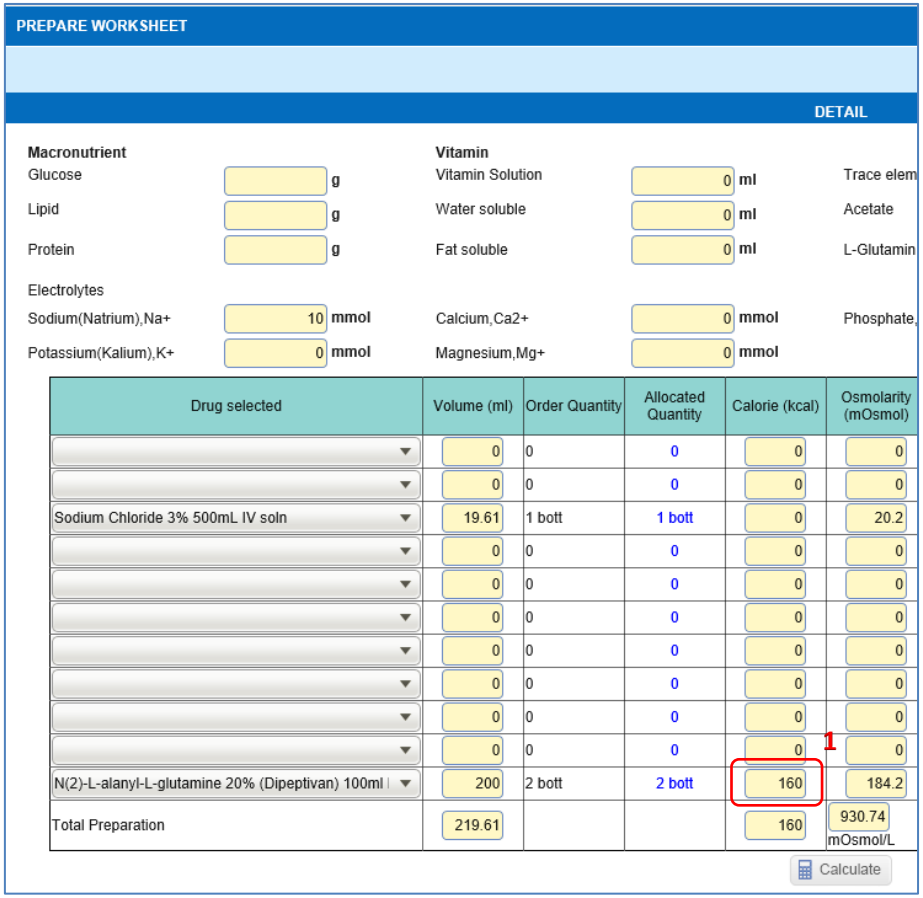
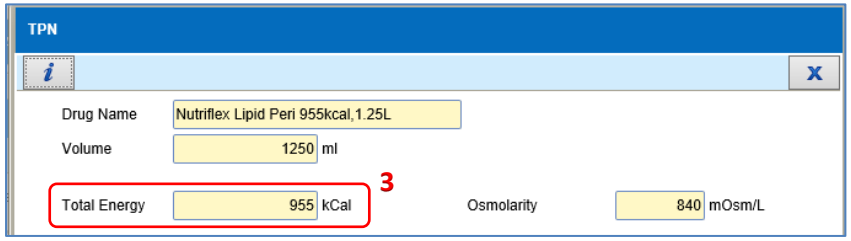
Summary of Ticket Number and Requests for Manufacturing – PN

No.	Ticket	Description	Summary of Changes	Solution
1.	I-PhIS018756117S	**PN Label - Request set manually for infusion rate** User request at PN label, she able to edit manually at infusion rate. Request for addition column as below: Total calorie required :_____ kcal/day Total volume : Regime ___ (ml) + Additives___ml = ____ml Infusion rate: ___ml/hr	Request for additional info in label.	Will not add new field in Edit Label screen since in printed label already display the Total Calorie. Instead to update in label 'Calories' value should include additive volume calories (if any)
2.	I-PhIS019426617S	**PN -Paediatrics- shelf life for bag is calculated automatically was inaccurate** User informed : - the shelf life for bag is calculated automatically from the moment we key in the PN order. This is inaccurate as they will prepare bag some time (maybe a few hours) after we key in the order. So the expiry time stated on the label is incorrect.	Incorrect expiry time displayed.	Remove Expiry Time in printed PN label.
3.	I-PhIS009741415S	**PN Label** 1. Once open use within __ hours - follow shelf life 2. To be infused via _____ - follow order 3. Remove time in all PN label	Remove time in all PN label	

Function Flow	PN Label in current Version 1.8	PN Label in new Version 2.0
1. Additional Calorie	• Create new PN Commercial with Additive order and fill in value for 'L-Glutamin' component. Then proceed with worksheet preparation:  Once worksheet calculated, there is calorie value for 'L-Glutamin' (1) component.	• Create new PN Commercial with Additive order and fill in value for 'L-Glutamin' component. Then proceed with worksheet preparation:  Once worksheet calculated, there is calorie value for 'L-Glutamin' (1) component.

<table>
<tr><th>Function Flow</th><th>PN Label in current Version 1.8</th><th>PN Label in new Version 2.0</th></tr>
<tr>
<td></td>
<td>
Proceed to print label, in current label the Calories (2) value doesn't include the calorie value for the added 'L-Glutamine'.
<table>
<tr><td colspan="3">Product Volume 1260 ml/bag</td></tr>
<tr><td colspan="3">Ordered Volume 1260 ml/bag</td></tr>
<tr><td>Content</td><td>/ kg</td><td>/ bag</td></tr>
<tr><td>Protein (g)</td><td>0.61</td><td>40</td></tr>
<tr><td>Dextrose (g)</td><td>1.21</td><td>80</td></tr>
<tr><td>Lipid (g)</td><td>0.76</td><td>50</td></tr>
<tr><td>Sodium (mmol)</td><td>0.76</td><td>50</td></tr>
<tr><td>Potassium (mmol)</td><td>0.45</td><td>30</td></tr>
<tr><td>Calcium (mmol)</td><td>0.05</td><td>3</td></tr>
<tr><td>Magnesium (mmol)</td><td>0.05</td><td>3</td></tr>
<tr><td>Phosphate (mmol)</td><td>0.11</td><td>7.5</td></tr>
<tr><td>Chloride (mmol)</td><td>0.73</td><td>48</td></tr>
<tr><td>Acetate (mmol)</td><td>0.61</td><td>40</td></tr>
<tr><td>Trace Element (ml)</td><td>0</td><td>0</td></tr>
<tr><td>Vitamins (ml)</td><td>0</td><td>0</td></tr>
<tr><td>Calories (kcal)</td><td>14.47</td><td>955</td></tr>
<tr><td>Osmolarity (mOsm/l)</td><td>12.74</td><td>840.64</td></tr>
<tr><td>L-Glutamin (ml)</td><td>0.15</td><td>10</td></tr>
</table>
2
Currently displaying only the original bag calories value. Which is based on the value specified in PN Content maintenance screen:


</td>
<td>
Proceed to print label, in current label the Calories (2) value doesn't include the calorie value for the added 'L-Glutamine'.
<table>
<tr><td colspan="3">Product Volume 1469.61 ml/bag</td></tr>
<tr><td colspan="3">Ordered Volume 1469.61 ml/bag</td></tr>
<tr><td>Content</td><td>/ kg</td><td>/ bag</td></tr>
<tr><td>Protein (g)</td><td>0.52</td><td>40</td></tr>
<tr><td>Dextrose (g)</td><td>1.04</td><td>80</td></tr>
<tr><td>Lipid (g)</td><td>0.65</td><td>50</td></tr>
<tr><td>Sodium (mmol)</td><td>0.78</td><td>60</td></tr>
<tr><td>Potassium (mmol)</td><td>0.39</td><td>30</td></tr>
<tr><td>Calcium (mmol)</td><td>0.04</td><td>3</td></tr>
<tr><td>Magnesium (mmol)</td><td>0.04</td><td>3</td></tr>
<tr><td>Phosphate (mmol)</td><td>0.1</td><td>7.5</td></tr>
<tr><td>Chloride (mmol)</td><td>0.75</td><td>58</td></tr>
<tr><td>Acetate (mmol)</td><td>0.52</td><td>40</td></tr>
<tr><td>Trace (ml)</td><td>0</td><td>0</td></tr>
<tr><td>Vitamins (ml)</td><td>0</td><td>0</td></tr>
<tr><td>Calories (kcal)</td><td>14.48</td><td>1115</td></tr>
<tr><td>Osmolarity (mOsm/l)</td><td>11.09</td><td>853.56</td></tr>
<tr><td>L-Glutamin (ml)</td><td>2.6</td><td>200</td></tr>
</table>
2
'Calories' value should above calculated based on the original bag calories + additional calories
</td>
</tr>
</table>

Function Flow	PN Label in current Version 1.8	PN Label in new Version 2.0
2. Expiry Time value	• Print PN Label and view label: There is value displayed for 'Expiry Date' time (1) value	• Print PN Label and view label: 'Expiry Date' section displays only date value (1)

PN Label in current Version 1.8

Product Volume	1260	ml/bag
Ordered Volume	1260	ml/bag
Content	/ kg	/ bag
Protein (g)	0.61	40
Dextrose (g)	1.21	80
Lipid (g)	0.76	50
Sodium (mmol)	0.76	50
Potassium (mmol)	0.45	30
Calcium (mmol)	0.05	3
Magnesium (mmol)	0.05	3
Phosphate (mmol)	0.11	7.5
Chloride (mmol)	0.73	48
Acetate (mmol)	0.61	40
Trace Element (ml)	0	0
Vitamins (ml)	0	0
Calories (kcal)	14.47	955
Osmolarity (mOsm/l)	12.74	840.64
L-Glutamin (ml)	0.15	10
Date and Time of Administration :		
Infusion Rate	52.5	ml/Hrs
Worksheet ID A001-170718	Expiry Date 18/07/2018 11:09 1	Price : RM
Do not use if any visible solid particles, growth or precipitation appears		
Store in refrigerator (2-8 °C). Protect from light (Once open use within 24 Hours) Ensure PN Solution is at room temperature before infusion		
TO BE INFUSED : CENTRAL LINE		

PN Label in new Version 2.0

Product Volume	1469.61	ml/bag
Ordered Volume	1469.61	ml/bag
Content	/ kg	/ bag
Protein (g)	0.52	40
Dextrose (g)	1.04	80
Lipid (g)	0.65	50
Sodium (mmol)	**0.78**	**60**
Potassium (mmol)	0.39	30
Calcium (mmol)	0.04	3
Magnesium (mmol)	0.04	3
Phosphate (mmol)	0.1	7.5
Chloride (mmol)	**0.75**	**58**
Acetate (mmol)	0.52	40
Trace (ml)	0	0
Vitamins (ml)	0	0
Calories (kcal)	14.48	1115
Osmolarity (mOsm/l)	11.09	853.56
L-Glutamin (ml)	2.6	200
Date and Time of Administration :		
Infusion Rate	61.23	ml/Hrs
Worksheet ID A001-170718	Expiry Date 18/07/2018 1	Price : RM
Do not use if any visible solid particles, growth or precipitation appears		
Store in refrigerator (2-8 °C). Protect from light (Once open use within 24 Hours) Ensure PN Solution is at room temperature before infusion		
TO BE INFUSED : CENTRAL LINE		