

# Practice & Prescribing

## Support Information

The table below provides information on which to answer questions (1-6) that relate to the equations discussed above and to problems related to prescribing (Q7-11). The right hand column advises how to use FeedCalc to facilitate nutritional calculations and get information on adequacy.

Relates to Q:	Information	How to calculate using FeedCalc	
1-6	Demography	Female, 50y, 170cm, 85kg, not pregnant or lactating.	
	Disease state	Septic shock, mechanical ventilation.	
	Activity (PAL)	Bedbound undisturbed + sedated (not paralyzed).	
	Clinical parameters by day:	Minute ventilation* (L/min)	Tmax (C° in last 24h)
	1	15.7	38.6
	2	13	37.7
	3	12.1	38.8
	4	10.3	38.5
5	9.7	38	
6	11.5	37.9	
7	8.8	38.1	
7-9	Except for any specific changes advised in the FeedCalc column (right), leave FeedCalc settings as in Q1-6	<p>Use the above example, day 3 assuming severe sepsis and on CRRT.</p> <ul style="list-style-type: none"> <li>• <b>Energy:</b> Re-enter data to complete the day 3 calculation.</li> <li>• <b>Goal:</b> <ul style="list-style-type: none"> <li>- <b>State:</b> 'Catabolic'</li> <li>- <b>Type:</b> 'V. severe'</li> <li>- <b>Specific:</b> '100% EER tolerated'.</li> <li>- These refer to the state of the patient, severity and N loss and whether the patient is likely to tolerate the substrate load (estimated energy requirement), respectively.</li> </ul> </li> <li>• <b>IO:</b> <ul style="list-style-type: none"> <li>• <b>EN:</b> <ul style="list-style-type: none"> <li>- Feed: Nutrison Protein Plus, click (+). Dose</li> <li>- Macro: Renapro, click (+).</li> </ul> </li> </ul> </li> </ul>	
10-11	<p>The ICU nurse comments that they are having difficulty giving the prescribed vitamins written:</p> <p>a) <b>Prescription:</b> Abidec</p> <p>b) <b>Route:</b> NG</p> <p>c) <b>Dose:</b> 6mL</p> <p>Abidec has been prescribed as a general micronutrient supplement because of the severity of the illness and potential CRRT losses.</p>	<p>Use FeedCalc in the 1c setting of above.</p> <ul style="list-style-type: none"> <li>• <b>IO</b> [Input/Output]</li> <li>• <b>EN</b> <ul style="list-style-type: none"> <li>- <b>Micro:</b> Abidec' &gt; click '+', 6mL.</li> </ul> </li> <li>• <b>Adequacy:</b> Review '% of vitamin requirements met and potential toxicity.</li> </ul>	