Results

55 CPN were prepared and 32 (58.2%) were administered

n= 31 newborns received the standard first day of life CPN

58.1% female
Mean gestational age: 28.5 w
Mean weight: 1138.2 g
38.7% multiple pregnancies

Indication of PN:

- <32.0 weeks with birth weight >1500g: 12.9%
- >32.0 weeks with <1500g: 12.9%
- 74.2%

Time to start PN:

- Mean time to start: 6:01 h (range 1:13 - 22:54 h)
- Start > 8h of life: 16.1%
- Start ≤ 8h of life: 83.9%

<table>
<thead>
<tr>
<th>Reason</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lack of central line</td>
<td>60.0%</td>
</tr>
<tr>
<td>Lack of 2 ready to use CPN for twins</td>
<td>20.0%</td>
</tr>
<tr>
<td>Delayed prescription</td>
<td>20.0%</td>
</tr>
</tbody>
</table>

30 patients (96.8%) started trophic feeding with breast milk (maternal or bank) within the first 24 h of life

Conclusions

Standard first day of life CPN ready to use has considerably reduced the time to start PN in newborn patients. However, CPN initiated after 8h of life in 5 patients (mostly due to a lack of central line). Standard first day of life CPN met the nutritional requirements of all newborn requiring PN, not needing to produce individually tailored CPN in any case.

ATC code: B05