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Le processus de "perfusion intraveineuse", notamment le **bon usage des dispositifs médicaux** est un point critique, encore jamais évalué dans notre Centre Hospitalier. Il est indispensable de le sécuriser pour prévenir la iatrogénie médicamenteuse.

OBJECTIF

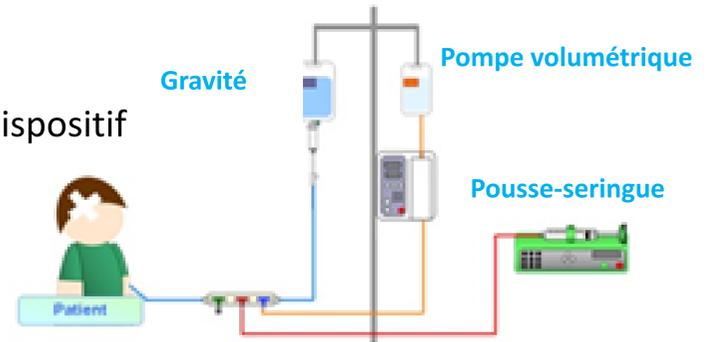
Evaluer le processus de perfusion intraveineuse



MATERIELS & METHODES

Evaluation des Pratiques Professionnelles : 3 grilles d'évaluation selon le dispositif d'administration utilisé

Auditeurs : 40 étudiants en soins infirmiers préalablement formés



RESULTATS

84 perfusions observées

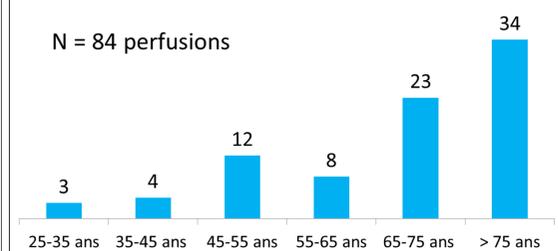
Ratio homme / femme = 0,67
Age médian = 68 ans

Classe ATC les + représentées

- Analgésiques
- Antibactériens
- Substituts du sang et solutions de perfusion

Répartition des patients selon l'âge

N = 84 perfusions



Non-conformité	Actions correctives																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>Prescription incomplète</p> <p>33 % de non-conformités</p> <p>Services informatisés (logiciel SILLAGE®) : 9 % de non-conformités</p>	<p>Informatisation des prescriptions</p> <p>Logiciel SILLAGE®</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>Préparation de la perfusion</p> <p>40 % de non-conformités</p> <p>Péréemption du médicament et des DM non contrôlée</p> <p>Reconstitution non conforme au RCP</p>	<p>Formation continue</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>Identification des poches et des seringues</p> <p>51 % de non-conformités</p> <p>Perfusions sans identification : 17% (n=14)</p> <p>Identification au marqueur</p> <p>Informations non exhaustives</p>	<p>Etiquettes d'identification pré-remplies à disposition</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>Mise en place de la perfusion</p> <p>37 % de non-conformités</p> <p>Purge : 86,3 % de non-conformités (Purge réalisée à l'endroit)</p> <p>Connexion Y à distance du patient</p> <p>Pas de valve anti-retour en cas de lignes multiples</p>	<p>Formation continue</p> <p>-montage d'une ligne multiple</p> <p>-atelier pratique « purge à l'envers »</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>Réglage du débit (comptage des gouttes) et surveillance</p> <p>Cas du régulateur de débit (RD)</p> <p>70 % de non-conformités</p> <p>Pas de comptage de gouttes</p> <p>Défaut de surveillance du débit (fréquence)</p> <p>RD mal utilisé (fausse sécurité, contre-indications)</p>	<p>Formation continue</p> <p>Distribution de réglages de correspondance aux soignants</p> <table border="1"> <thead> <tr> <th colspan="10">Débits en gouttes/minutes</th> <th colspan="10">Débits en ml/heures</th> </tr> <tr> <th></th><th>1/2h</th><th>1h</th><th>2h</th><th>3h</th><th>4h</th><th>6h</th><th>8h</th><th>12h</th><th>24h</th> <th></th><th>1/2h</th><th>1h</th><th>2h</th><th>3h</th><th>4h</th><th>6h</th><th>8h</th><th>12h</th><th>24h</th> </tr> </thead> <tbody> <tr> <td>50ml</td><td>33</td><td>17</td><td>8</td><td>6</td><td></td><td></td><td></td><td></td><td></td> <td>50ml</td><td>100</td><td>50</td><td>25</td><td>17</td><td>10</td><td>6</td><td>4</td><td>3</td><td>2</td><td>1</td> </tr> <tr> <td>100ml</td><td>66</td><td>33</td><td>17</td><td>11</td><td>8</td><td>6</td><td></td><td></td><td></td> <td>100ml</td><td>200</td><td>100</td><td>50</td><td>33</td><td>25</td><td>20</td><td>15</td><td>10</td><td>5</td> </tr> <tr> <td>150ml</td><td>83</td><td>41</td><td>21</td><td>14</td><td>10</td><td>7</td><td>5</td><td></td><td></td> <td>150ml</td><td>250</td><td>125</td><td>63</td><td>42</td><td>31</td><td>21</td><td>16</td><td>11</td><td>6</td> </tr> <tr> <td>200ml</td><td>111</td><td>56</td><td>28</td><td>18</td><td>13</td><td>9</td><td>6</td><td>4</td><td></td> <td>200ml</td><td>300</td><td>150</td><td>75</td><td>50</td><td>37</td><td>25</td><td>18</td><td>12</td><td>7</td> </tr> <tr> <td>250ml</td><td>138</td><td>69</td><td>34</td><td>22</td><td>16</td><td>11</td><td>8</td><td>5</td><td>3</td> <td>250ml</td><td>375</td><td>188</td><td>94</td><td>63</td><td>46</td><td>31</td><td>21</td><td>14</td><td>8</td> </tr> <tr> <td>300ml</td><td>166</td><td>83</td><td>41</td><td>28</td><td>21</td><td>14</td><td>10</td><td>7</td><td>4</td> <td>300ml</td><td>450</td><td>225</td><td>113</td><td>75</td><td>54</td><td>37</td><td>25</td><td>17</td><td>10</td> </tr> <tr> <td>350ml</td><td>194</td><td>97</td><td>49</td><td>32</td><td>23</td><td>16</td><td>11</td><td>7</td><td>4</td> <td>350ml</td><td>525</td><td>263</td><td>131</td><td>90</td><td>64</td><td>43</td><td>29</td><td>19</td><td>11</td> </tr> <tr> <td>400ml</td><td>222</td><td>111</td><td>56</td><td>36</td><td>25</td><td>18</td><td>13</td><td>8</td><td>5</td> <td>400ml</td><td>600</td><td>300</td><td>150</td><td>100</td><td>71</td><td>48</td><td>32</td><td>21</td><td>12</td> </tr> <tr> <td>450ml</td><td>250</td><td>125</td><td>63</td><td>41</td><td>29</td><td>20</td><td>14</td><td>9</td><td>5</td> <td>450ml</td><td>675</td><td>338</td><td>167</td><td>113</td><td>80</td><td>54</td><td>36</td><td>24</td><td>13</td> </tr> <tr> <td>500ml</td><td>278</td><td>139</td><td>69</td><td>44</td><td>32</td><td>22</td><td>15</td><td>10</td><td>6</td> <td>500ml</td><td>750</td><td>375</td><td>188</td><td>125</td><td>90</td><td>60</td><td>40</td><td>26</td><td>14</td> </tr> <tr> <td>550ml</td><td>306</td><td>153</td><td>76</td><td>48</td><td>34</td><td>24</td><td>16</td><td>11</td><td>6</td> <td>550ml</td><td>825</td><td>413</td><td>206</td><td>137</td><td>98</td><td>66</td><td>44</td><td>29</td><td>15</td> </tr> <tr> <td>600ml</td><td>334</td><td>167</td><td>83</td><td>52</td><td>36</td><td>25</td><td>17</td><td>11</td><td>7</td> <td>600ml</td><td>900</td><td>450</td><td>225</td><td>150</td><td>107</td><td>71</td><td>48</td><td>31</td><td>16</td> </tr> <tr> <td>650ml</td><td>362</td><td>181</td><td>90</td><td>56</td><td>38</td><td>26</td><td>18</td><td>12</td><td>7</td> <td>650ml</td><td>975</td><td>488</td><td>244</td><td>163</td><td>115</td><td>77</td><td>51</td><td>33</td><td>17</td> </tr> <tr> <td>700ml</td><td>390</td><td>195</td><td>97</td><td>60</td><td>40</td><td>27</td><td>19</td><td>12</td><td>7</td> <td>700ml</td><td>1050</td><td>525</td><td>263</td><td>175</td><td>125</td><td>83</td><td>54</td><td>35</td><td>18</td> </tr> <tr> <td>750ml</td><td>418</td><td>209</td><td>104</td><td>64</td><td>42</td><td>28</td><td>20</td><td>13</td><td>8</td> <td>750ml</td><td>1125</td><td>563</td><td>282</td><td>188</td><td>136</td><td>90</td><td>58</td><td>37</td><td>19</td> </tr> <tr> <td>800ml</td><td>446</td><td>223</td><td>111</td><td>68</td><td>44</td><td>29</td><td>21</td><td>13</td><td>8</td> <td>800ml</td><td>1200</td><td>600</td><td>300</td><td>200</td><td>146</td><td>98</td><td>63</td><td>40</td><td>20</td> </tr> <tr> <td>850ml</td><td>474</td><td>237</td><td>118</td><td>72</td><td>46</td><td>30</td><td>22</td><td>14</td><td>8</td> <td>850ml</td><td>1275</td><td>638</td><td>319</td><td>213</td><td>157</td><td>106</td><td>66</td><td>42</td><td>21</td> </tr> <tr> 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<td>1100ml</td><td>614</td><td>307</td><td>153</td><td>92</td><td>56</td><td>35</td><td>24</td><td>14</td><td>8</td> <td>1100ml</td><td>1650</td><td>825</td><td>413</td><td>275</td><td>211</td><td>157</td><td>86</td><td>52</td><td>26</td> </tr> <tr> <td>1150ml</td><td>642</td><td>321</td><td>160</td><td>96</td><td>58</td><td>36</td><td>25</td><td>14</td><td>8</td> <td>1150ml</td><td>1725</td><td>863</td><td>432</td><td>288</td><td>222</td><td>167</td><td>89</td><td>54</td><td>27</td> </tr> <tr> <td>1200ml</td><td>670</td><td>335</td><td>167</td><td>100</td><td>60</td><td>37</td><td>25</td><td>14</td><td>8</td> <td>1200ml</td><td>1800</td><td>900</td><td>450</td><td>300</td><td>233</td><td>178</td><td>93</td><td>56</td><td>28</td> </tr> <tr> <td>1250ml</td><td>698</td><td>349</td><td>174</td><td>104</td><td>62</td><td>38</td><td>25</td><td>14</td><td>8</td> <td>1250ml</td><td>1875</td><td>938</td><td>469</td><td>313</td><td>244</td><td>188</td><td>96</td><td>58</td><td>29</td> </tr> <tr> <td>1300ml</td><td>726</td><td>363</td><td>181</td><td>108</td><td>64</td><td>39</td><td>26</td><td>14</td><td>8</td> <td>1300ml</td><td>1950</td><td>975</td><td>488</td><td>325</td><td>255</td><td>200</td><td>100</td><td>60</td><td>30</td> </tr> <tr> <td>1350ml</td><td>754</td><td>377</td><td>188</td><td>112</td><td>66</td><td>40</td><td>26</td><td>14</td><td>8</td> <td>1350ml</td><td>2025</td><td>1013</td><td>507</td><td>338</td><td>266</td><td>211</td><td>103</td><td>62</td><td>31</td> </tr> <tr> <td>1400ml</td><td>782</td><td>391</td><td>195</td><td>116</td><td>68</td><td>41</td><td>26</td><td>14</td><td>8</td> <td>1400ml</td><td>2100</td><td>1050</td><td>525</td><td>350</td><td>277</td><td>222</td><td>106</td><td>64</td><td>32</td> </tr> <tr> <td>1450ml</td><td>810</td><td>405</td><td>202</td><td>120</td><td>70</td><td>42</td><td>27</td><td>14</td><td>8</td> 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<td>1650ml</td><td>922</td><td>461</td><td>230</td><td>136</td><td>78</td><td>46</td><td>28</td><td>14</td><td>8</td> <td>1650ml</td><td>2475</td><td>1238</td><td>619</td><td>413</td><td>332</td><td>277</td><td>121</td><td>74</td><td>37</td> </tr> <tr> <td>1700ml</td><td>950</td><td>475</td><td>237</td><td>140</td><td>80</td><td>47</td><td>28</td><td>14</td><td>8</td> <td>1700ml</td><td>2550</td><td>1275</td><td>638</td><td>425</td><td>343</td><td>288</td><td>124</td><td>76</td><td>38</td> </tr> <tr> <td>1750ml</td><td>978</td><td>489</td><td>244</td><td>144</td><td>82</td><td>48</td><td>28</td><td>14</td><td>8</td> <td>1750ml</td><td>2625</td><td>1313</td><td>657</td><td>438</td><td>354</td><td>299</td><td>127</td><td>78</td><td>39</td> </tr> <tr> <td>1800ml</td><td>1006</td><td>503</td><td>251</td><td>148</td><td>84</td><td>49</td><td>28</td><td>14</td><td>8</td> <td>1800ml</td><td>2700</td><td>1350</td><td>675</td><td>450</td><td>365</td><td>310</td><td>130</td><td>80</td><td>40</td> </tr> <tr> <td>1850ml</td><td>1034</td><td>517</td><td>258</td><td>152</td><td>86</td><td>50</td><td>28</td><td>14</td><td>8</td> <td>1850ml</td><td>2775</td><td>1388</td><td>694</td><td>463</td><td>376</td><td>321</td><td>133</td><td>82</td><td>41</td> </tr> <tr> <td>1900ml</td><td>1062</td><td>531</td><td>265</td><td>156</td><td>88</td><td>51</td><td>28</td><td>14</td><td>8</td> <td>1900ml</td><td>2850</td><td>1425</td><td>713</td><td>475</td><td>387</td><td>332</td><td>136</td><td>84</td><td>42</td> </tr> <tr> <td>1950ml</td><td>1090</td><td>545</td><td>272</td><td>160</td><td>90</td><td>52</td><td>28</td><td>14</td><td>8</td> <td>1950ml</td><td>2925</td><td>1463</td><td>732</td><td>488</td><td>398</td><td>343</td><td>139</td><td>86</td><td>43</td> </tr> <tr> <td>2000ml</td><td>1118</td><td>559</td><td>279</td><td>164</td><td>92</td><td>53</td><td>28</td><td>14</td><td>8</td> <td>2000ml</td><td>3000</td><td>1500</td><td>750</td><td>500</td><td>409</td><td>354</td><td>142</td><td>88</td><td>44</td> </tr> <tr> <td>2050ml</td><td>1146</td><td>573</td><td>286</td><td>168</td><td>94</td><td>54</td><td>28</td><td>14</td><td>8</td> <td>2050ml</td><td>3075</td><td>1538</td><td>769</td><td>513</td><td>420</td><td>365</td><td>145</td><td>90</td><td>45</td> </tr> <tr> <td>2100ml</td><td>1174</td><td>587</td><td>293</td><td>172</td><td>96</td><td>55</td><td>28</td><td>14</td><td>8</td> <td>2100ml</td><td>3150</td><td>1575</td><td>788</td><td>525</td><td>431</td><td>376</td><td>148</td><td>92</td><td>46</td> </tr> <tr> <td>2150ml</td><td>1202</td><td>601</td><td>300</td><td>176</td><td>98</td><td>56</td><td>28</td><td>14</td><td>8</td> <td>2150ml</td><td>3225</td><td>1613</td><td>807</td><td>538</td><td>442</td><td>387</td><td>151</td><td>94</td><td>47</td> </tr> <tr> <td>2200ml</td><td>1230</td><td>615</td><td>307</td><td>180</td><td>100</td><td>57</td><td>28</td><td>14</td><td>8</td> <td>2200ml</td><td>3300</td><td>1650</td><td>825</td><td>550</td><td>453</td><td>398</td><td>154</td><td>96</td><td>48</td> </tr> <tr> <td>2250ml</td><td>1258</td><td>629</td><td>314</td><td>184</td><td>102</td><td>58</td><td>28</td><td>14</td><td>8</td> <td>2250ml</td><td>3375</td><td>1688</td><td>844</td><td>563</td><td>464</td><td>409</td><td>157</td><td>98</td><td>49</td> </tr> <tr> <td>2300ml</td><td>1286</td><td>643</td><td>321</td><td>188</td><td>104</td><td>59</td><td>28</td><td>14</td><td>8</td> <td>2300ml</td><td>3450</td><td>1725</td><td>863</td><td>575</td><td>475</td><td>420</td><td>160</td><td>100</td><td>50</td> </tr> <tr> <td>2350ml</td><td>1314</td><td>657</td><td>328</td><td>192</td><td>106</td><td>60</td><td>28</td><td>14</td><td>8</td> <td>2350ml</td><td>3525</td><td>1763</td><td>882</td><td>588</td><td>486</td><td>431</td><td>163</td><td>102</td><td>51</td> </tr> <tr> <td>2400ml</td><td>1342</td><td>671</td><td>335</td><td>196</td><td>108</td><td>61</td><td>28</td><td>14</td><td>8</td> <td>2400ml</td><td>3600</td><td>1800</td><td>900</td><td>600</td><td>497</td><td>442</td><td>166</td><td>104</td><td>52</td> </tr> <tr> <td>2450ml</td><td>1370</td><td>685</td><td>342</td><td>200</td><td>110</td><td>62</td><td>28</td><td>14</td><td>8</td> <td>2450ml</td><td>3675</td><td>1838</td><td>919</td><td>613</td><td>508</td><td>453</td><td>169</td><td>106</td><td>53</td> </tr> <tr> <td>2500ml</td><td>1398</td><td>699</td><td>349</td><td>204</td><td>112</td><td>63</td><td>28</td><td>14</td><td>8</td> <td>2500ml</td><td>3750</td><td>1875</td><td>938</td><td>625</td><td>519</td><td>464</td><td>172</td><td>108</td><td>54</td> </tr> <tr> <td>2550ml</td><td>1426</td><td>713</td><td>356</td><td>208</td><td>114</td><td>64</td><td>28</td><td>14</td><td>8</td> <td>2550ml</td><td>3825</td><td>1913</td><td>957</td><td>638</td><td>530</td><td>475</td><td>175</td><td>110</td><td>55</td> </tr> <tr> <td>2600ml</td><td>1454</td><td>727</td><td>363</td><td>212</td><td>116</td><td>65</td><td>28</td><td>14</td><td>8</td> <td>2600ml</td><td>3900</td><td>1950</td><td>975</td><td>650</td><td>541</td><td>486</td><td>178</td><td>112</td><td>56</td> </tr> <tr> <td>2650ml</td><td>1482</td><td>741</td><td>370</td><td>216</td><td>118</td><td>66</td><td>28</td><td>14</td><td>8</td> <td>2650ml</td><td>3975</td><td>1988</td><td>994</td><td>663</td><td>552</td><td>497</td><td>181</td><td>114</td><td>57</td> </tr> <tr> <td>2700ml</td><td>1510</td><td>755</td><td>377</td><td>220</td><td>120</td><td>67</td><td>28</td><td>14</td><td>8</td> <td>2700ml</td><td>4050</td><td>2025</td><td>1013</td><td>675</td><td>563</td><td>508</td><td>184</td><td>116</td><td>58</td> </tr> <tr> <td>2750ml</td><td>1538</td><td>769</td><td>384</td><td>224</td><td>122</td><td>68</td><td>28</td><td>14</td><td>8</td> <td>2750ml</td><td>4125</td><td>2063</td><td>1032</td><td>688</td><td>574</td><td>519</td><td>187</td><td>118</td><td>59</td> </tr> <tr> <td>2800ml</td><td>1566</td><td>783</td><td>391</td><td>228</td><td>124</td><td>69</td><td>28</td><td>14</td><td>8</td> <td>2800ml</td><td>4200</td><td>2100</td><td>1050</td><td>700</td><td>585</td><td>530</td><td>190</td><td>120</td><td>60</td> </tr> <tr> <td>2850ml</td><td>1594</td><td>797</td><td>398</td><td>232</td><td>126</td><td>70</td><td>28</td><td>14</td><td>8</td> <td>2850ml</td><td>4275</td><td>2138</td><td>1069</td><td>713</td><td>596</td><td>541</td><td>193</td><td>122</td><td>61</td> </tr> <tr> <td>2900ml</td><td>1622</td><td>811</td><td>405</td><td>236</td><td>128</td><td>71</td><td>28</td><td>14</td><td>8</td> <td>2900ml</td><td>4350</td><td>2175</td><td>1088</td><td>725</td><td>607</td><td>552</td><td>196</td><td>124</td><td>62</td> </tr> <tr> <td>2950ml</td><td>1650</td><td>825</td><td>412</td><td>240</td><td>130</td><td>72</td><td>28</td><td>14</td><td>8</td> <td>2950ml</td><td>4425</td><td>2213</td><td>1107</td><td>738</td><td>618</td><td>563</td><td>199</td><td>126</td><td>63</td> </tr> <tr> <td>3000ml</td><td>1678</td><td>839</td><td>419</td><td>244</td><td>132</td><td>73</td><td>28</td><td>14</td><td>8</td> <td>3000ml</td><td>4500</td><td>2250</td><td>1125</td><td>750</td><td>629</td><td>574</td><td>202</td><td>128</td><td>64</td> </tr> </tbody> </table>	Débits en gouttes/minutes										Débits en ml/heures											1/2h	1h	2h	3h	4h	6h	8h	12h	24h		1/2h	1h	2h	3h	4h	6h	8h	12h	24h	50ml	33	17	8	6						50ml	100	50	25	17	10	6	4	3	2	1	100ml	66	33	17	11	8	6				100ml	200	100	50	33	25	20	15	10	5	150ml	83	41	21	14	10	7	5			150ml	250	125	63	42	31	21	16	11	6	200ml	111	56	28	18	13	9	6	4		200ml	300	150	75	50	37	25	18	12	7	250ml	138	69	34	22	16	11	8	5	3	250ml	375	188	94	63	46	31	21	14	8	300ml	166	83	41	28	21	14	10	7	4	300ml	450	225	113	75	54	37	25	17	10	350ml	194	97	49	32	23	16	11	7	4	350ml	525	263	131	90	64	43	29	19	11	400ml	222	111	56	36	25	18	13	8	5	400ml	600	300	150	100	71	48	32	21	12	450ml	250	125	63	41	29	20	14	9	5	450ml	675	338	167	113	80	54	36	24	13	500ml	278	139	69	44	32	22	15	10	6	500ml	750	375	188	125	90	60	40	26	14	550ml	306	153	76	48	34	24	16	11	6	550ml	825	413	206	137	98	66	44	29	15	600ml	334	167	83	52	36	25	17	11	7	600ml	900	450	225	150	107	71	48	31	16	650ml	362	181	90	56	38	26	18	12	7	650ml	975	488	244	163	115	77	51	33	17	700ml	390	195	97	60	40	27	19	12	7	700ml	1050	525	263	175	125	83	54	35	18	750ml	418	209	104	64	42	28	20	13	8	750ml	1125	563	282	188	136	90	58	37	19	800ml	446	223	111	68	44	29	21	13	8	800ml	1200	600	300	200	146	98	63	40	20	850ml	474	237	118	72	46	30	22	14	8	850ml	1275	638	319	213	157	106	66	42	21	900ml	502	251	125	76	48	31	22	14	8	900ml	1350	675	338	225	167	115	71	44	22	950ml	530	265	132	80	50	32	23	14	8	950ml	1425	713	357	238	178	125	76	46	23	1000ml	558	279	139	84	52	33	23	14	8	1000ml	1500	750	375	250	188	136	80	48	24	1050ml	586	293	146	88	54	34	24	14	8	1050ml	1575	788	394	263	200	146	83	50	25	1100ml	614	307	153	92	56	35	24	14	8	1100ml	1650	825	413	275	211	157	86	52	26	1150ml	642	321	160	96	58	36	25	14	8	1150ml	1725	863	432	288	222	167	89	54	27	1200ml	670	335	167	100	60	37	25	14	8	1200ml	1800	900	450	300	233	178	93	56	28	1250ml	698	349	174	104	62	38	25	14	8	1250ml	1875	938	469	313	244	188	96	58	29	1300ml	726	363	181	108	64	39	26	14	8	1300ml	1950	975	488	325	255	200	100	60	30	1350ml	754	377	188	112	66	40	26	14	8	1350ml	2025	1013	507	338	266	211	103	62	31	1400ml	782	391	195	116	68	41	26	14	8	1400ml	2100	1050	525	350	277	222	106	64	32	1450ml	810	405	202	120	70	42	27	14	8	1450ml	2175	1088	544	363	288	233	109	66	33	1500ml	838	419	209	124	72	43	27	14	8	1500ml	2250	1125	563	375	299	244	112	68	34	1550ml	866	433	216	128	74	44	27	14	8	1550ml	2325	1163	582	388	310	255	115	70	35	1600ml	894	447	223	132	76	45	28	14	8	1600ml	2400	1200	600	400	321	266	118	72	36	1650ml	922	461	230	136	78	46	28	14	8	1650ml	2475	1238	619	413	332	277	121	74	37	1700ml	950	475	237	140	80	47	28	14	8	1700ml	2550	1275	638	425	343	288	124	76	38	1750ml	978	489	244	144	82	48	28	14	8	1750ml	2625	1313	657	438	354	299	127	78	39	1800ml	1006	503	251	148	84	49	28	14	8	1800ml	2700	1350	675	450	365	310	130	80	40	1850ml	1034	517	258	152	86	50	28	14	8	1850ml	2775	1388	694	463	376	321	133	82	41	1900ml	1062	531	265	156	88	51	28	14	8	1900ml	2850	1425	713	475	387	332	136	84	42	1950ml	1090	545	272	160	90	52	28	14	8	1950ml	2925	1463	732	488	398	343	139	86	43	2000ml	1118	559	279	164	92	53	28	14	8	2000ml	3000	1500	750	500	409	354	142	88	44	2050ml	1146	573	286	168	94	54	28	14	8	2050ml	3075	1538	769	513	420	365	145	90	45	2100ml	1174	587	293	172	96	55	28	14	8	2100ml	3150	1575	788	525	431	376	148	92	46	2150ml	1202	601	300	176	98	56	28	14	8	2150ml	3225	1613	807	538	442	387	151	94	47	2200ml	1230	615	307	180	100	57	28	14	8	2200ml	3300	1650	825	550	453	398	154	96	48	2250ml	1258	629	314	184	102	58	28	14	8	2250ml	3375	1688	844	563	464	409	157	98	49	2300ml	1286	643	321	188	104	59	28	14	8	2300ml	3450	1725	863	575	475	420	160	100	50	2350ml	1314	657	328	192	106	60	28	14	8	2350ml	3525	1763	882	588	486	431	163	102	51	2400ml	1342	671	335	196	108	61	28	14	8	2400ml	3600	1800	900	600	497	442	166	104	52	2450ml	1370	685	342	200	110	62	28	14	8	2450ml	3675	1838	919	613	508	453	169	106	53	2500ml	1398	699	349	204	112	63	28	14	8	2500ml	3750	1875	938	625	519	464	172	108	54	2550ml	1426	713	356	208	114	64	28	14	8	2550ml	3825	1913	957	638	530	475	175	110	55	2600ml	1454	727	363	212	116	65	28	14	8	2600ml	3900	1950	975	650	541	486	178	112	56	2650ml	1482	741	370	216	118	66	28	14	8	2650ml	3975	1988	994	663	552	497	181	114	57	2700ml	1510	755	377	220	120	67	28	14	8	2700ml	4050	2025	1013	675	563	508	184	116	58	2750ml	1538	769	384	224	122	68	28	14	8	2750ml	4125	2063	1032	688	574	519	187	118	59	2800ml	1566	783	391	228	124	69	28	14	8	2800ml	4200	2100	1050	700	585	530	190	120	60	2850ml	1594	797	398	232	126	70	28	14	8	2850ml	4275	2138	1069	713	596	541	193	122	61	2900ml	1622	811	405	236	128	71	28	14	8	2900ml	4350	2175	1088	725	607	552	196	124	62	2950ml	1650	825	412	240	130	72	28	14	8	2950ml	4425	2213	1107	738	618	563	199	126	63	3000ml	1678	839	419	244	132	73	28	14	8	3000ml	4500	2250	1125	750	629	574	202	128	64
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1650ml	922	461	230	136	78	46	28	14	8	1650ml	2475	1238	619	413	332	277	121	74	37																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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2400ml	1342	671	335	196	108	61	28	14	8	2400ml	3600	1800	900	600	497	442	166	104	52																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2450ml	1370	685	342	200	110	62	28	14	8	2450ml	3675	1838	919	613	508	453	169	106	53																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2500ml	1398	699	349	204	112	63	28	14	8	2500ml	3750	1875	938	625	519	464	172	108	54																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2550ml	1426	713	356	208	114	64	28	14	8	2550ml	3825	1913	957	638	530	475	175	110	55																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2600ml	1454	727	363	212	116	65	28	14	8	2600ml	3900	1950	975	650	541	486	178	112	56																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2650ml	1482	741	370	216	118	66	28	14	8	2650ml	3975	1988	994	663	552	497	181	114	57																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2700ml	1510	755	377	220	120	67	28	14	8	2700ml	4050	2025	1013	675	563	508	184	116	58																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2750ml	1538	769	384	224	122	68	28	14	8	2750ml	4125	2063	1032	688	574	519	187	118	59																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2800ml	1566	783	391	228	124	69	28	14	8	2800ml	4200	2100	1050	700	585	530	190	120	60																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2850ml	1594	797	398	232	126	70	28	14	8	2850ml	4275	2138	1069	713	596	541	193	122	61																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2900ml	1622	811	405	236	128	71	28	14	8	2900ml	4350	2175	1088	725	607	552	196	124	62																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
2950ml	1650	825	412	240	130	72	28	14	8	2950ml	4425	2213	1107	738	618	563	199	126	63																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
3000ml	1678	839	419	244	132	73	28	14	8	3000ml	4500	2250	1125	750	629	574	202	128	64																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
<p>Rinçage de la ligne de perfusion</p> <p>95 % de non-conformités</p> <p>Pas de rinçage</p>	<p>Formation continue</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
<p>Dispositifs actifs</p> <p>58 % de non-conformités</p> <p>Absence de vérification technique des alarmes avant utilisation</p> <p>Purge manuelle du pousse-seringue</p> <p>Méconnaissance de la Matérovigilance</p>	<p>Formation continue</p> <p>Centralisation des déclarations de Matérovigilance via l'interne en Pharmacie</p>																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									

Cet audit nous permet d'objectiver des écarts alarmants concernant la réalisation de la perfusion ainsi qu'une hétérogénéité des pratiques soignantes. Il sera nécessaire de proposer des **formations initiales et continues** sur les bonnes pratiques de perfusion, de généraliser **l'informatisation** de la prise en charge médicamenteuse et de sensibiliser les soignants vis-à-vis d'une pratique quotidienne tendant à être banalisée.