FOUR YEARS OF SHORTAGES REGARDING THE ANATOMIC, THERAPEUTIC AND CHEMICAL (ATC) CLASSIFICATION

Drugs shortages are getting more and more important. It is relevant to gather specific data in order to mitigate them.

Each ATC class has been concerned (1 305 drugs). Five were more impacted:

<table>
<thead>
<tr>
<th>ATC class</th>
<th>Nervous system N class</th>
<th>Various V class</th>
<th>Antimicrobial agents J class</th>
<th>Oncology L class</th>
<th>Haematology B class</th>
</tr>
</thead>
<tbody>
<tr>
<td>Median duration (weeks)</td>
<td>4.57</td>
<td>3.79</td>
<td>5.29</td>
<td>4.43</td>
<td>3.79</td>
</tr>
<tr>
<td>Rate of unavailability (%)</td>
<td>9.2%</td>
<td>38.1%</td>
<td>17.7%</td>
<td>15.6%</td>
<td>8.4%</td>
</tr>
</tbody>
</table>

Unavailability profile regarding ATC classification

4 years chronology

- **V08AA** = Watersoluble, nephrotrropic, high osmolar X-ray contrast media
- **V08AB** = Watersoluble, nephrotrropic, low osmolar X-ray contrast media
- **V08CA** = Paramagnetic contrast media
- **J01CR** = Combinations of penicillins, incl. beta-lactamase inhibitors
- **J01DD** = Third-generation cephalosporins
- **J06BA** = Immunoglobulins, normal human

Results
- All classes affected
- Evolution of drugs shortages
- Rippling effects
- Worse consequences
- Antibiotic resistance
- Disruption in patient care

Discussion
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- Worse consequences
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