Drug Shortage Prevention
The complexity and responsibility to make a pharmaceutical product available to patients

To enable access to treatment for patients a medicinal product must be manufactured and distributed. This includes all the operations and the quality controls that are required to produce and distribute an Active Pharmaceutical Ingredient (API) and subsequently the drug product. This is a highly regulated process ending in the release decision to make the product available. Marketing Authorization Holders (MAH) make sure that the product is ready for wholesale distribution.

The complexity and responsibility to make the product available to patients

One product has different marketing channels

Examples of the diversity of factors and stakeholders that could contribute to drug shortage

1 EFPIA infographic on manufacturing https://efpia.eu/media/lsbbeaze/20230914_efpia-leaflet-compressed.pdf
Drug Shortage Prevention
Communication drives knowledge and understanding to manage and prevent drug shortages.

Communication

- Bi-directional communication
- Transparency means to understand the impact in the complex environment

Mind the knowledge GAPs due to fragmented data and information from different sources to be collected and analysed.\(^3\) Synchronized information flow is necessary for knowledge analysis, decision-making and consistent communication.

Risk Triage model\(^2\)  
Drug Shortage Prevention and Response Plan\(^2\)

Call to action
