Reducing risk with intravenous drug administration. The Welsh Medicines Advice Service (WMAS) leading the development of national Standard Operating Procedures (SOPs) for the Management of Drug Libraries (DLs) used in Dose Error Reduction Software (DERS) for Smart infusion pumps.

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The Health Services Safety Investigation Body (HSSIB) report on the procurement, usability and adoption of smart infusion pumps revealed the following observations:

National infrastructure required for drug library development and implementation of smart pump technology is lacking.

National guidelines or standards on how to implement drug libraries don't exist.

Sharing DLs introduces risk.

Local sign off by pharmacy not robust enough for validation.

All Wales DL and Smart pump group formed, led by WMAS team. Multidisciplinary group. All Wales repository of DL resources created.

Priority objectives agreed to identify current DL position in Wales and develop a Once for Wales approach to governance of all aspects of DL management.

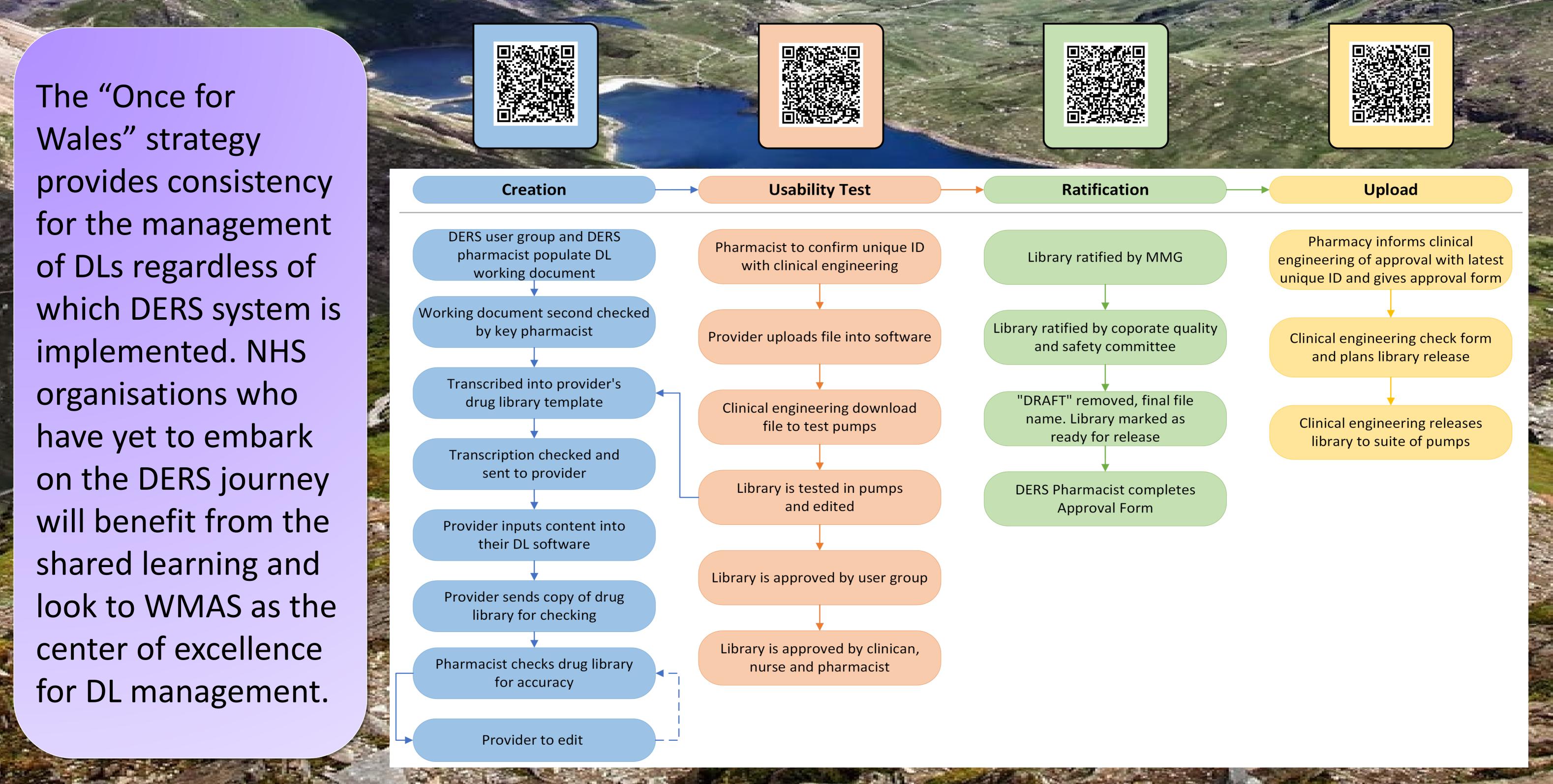
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Ð Process mapping D exercise led by 00 WMAS identified Π lack of consistency in 0 DL development, no SOPs, no standards for implementation, no oversight from health boards.

WMAS developed **T** Π DL process 70 algorithm and standard operating S procedures, forming a Once for Wales toolkit of resources for health boards.

The "Once for Wales" strategy provides consistency for the management of DLs regardless of implemented. NHS organisations who have yet to embark on the DERS journey



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