

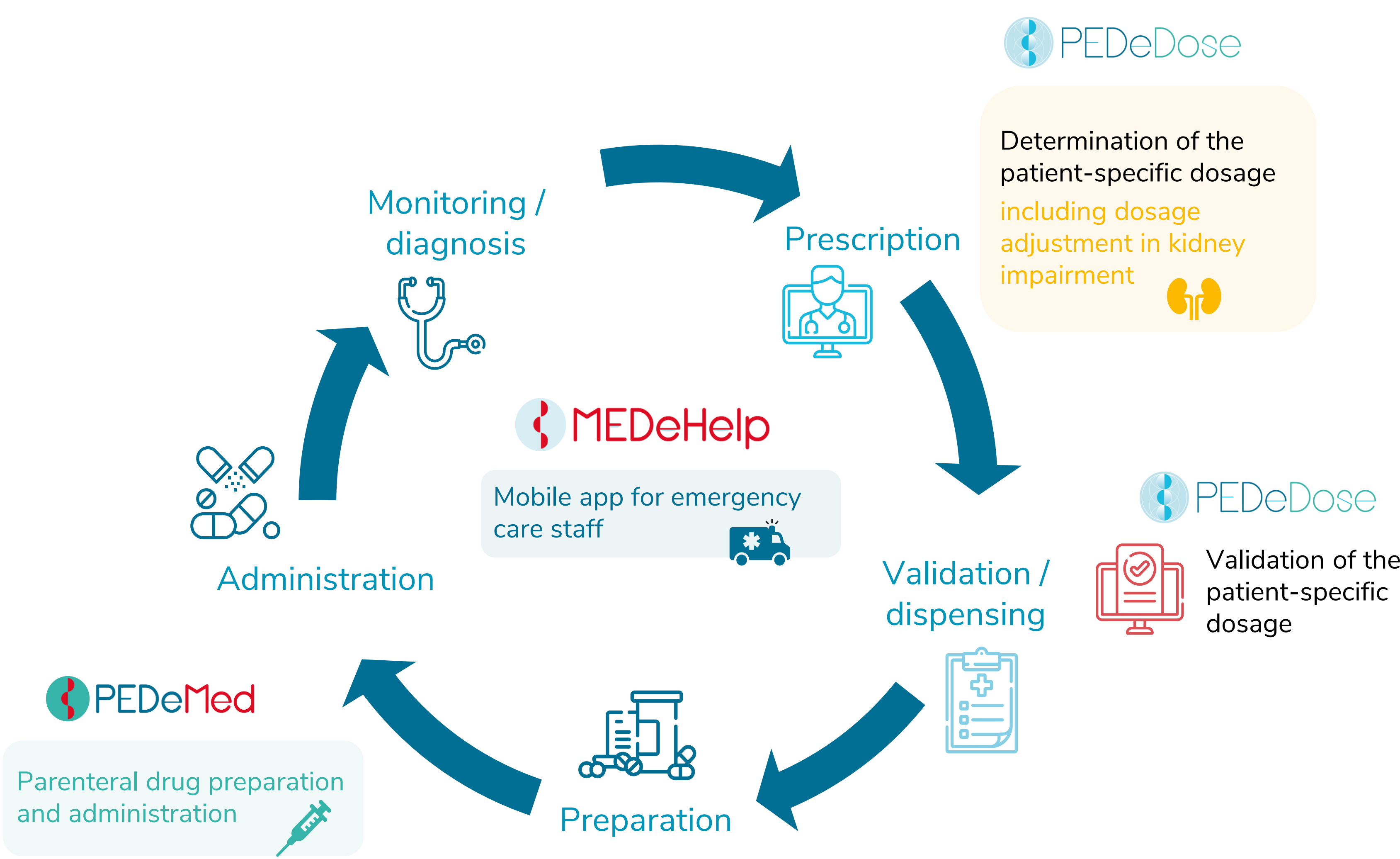


Development of new digital tools to improve medication safety and facilitate everyday work

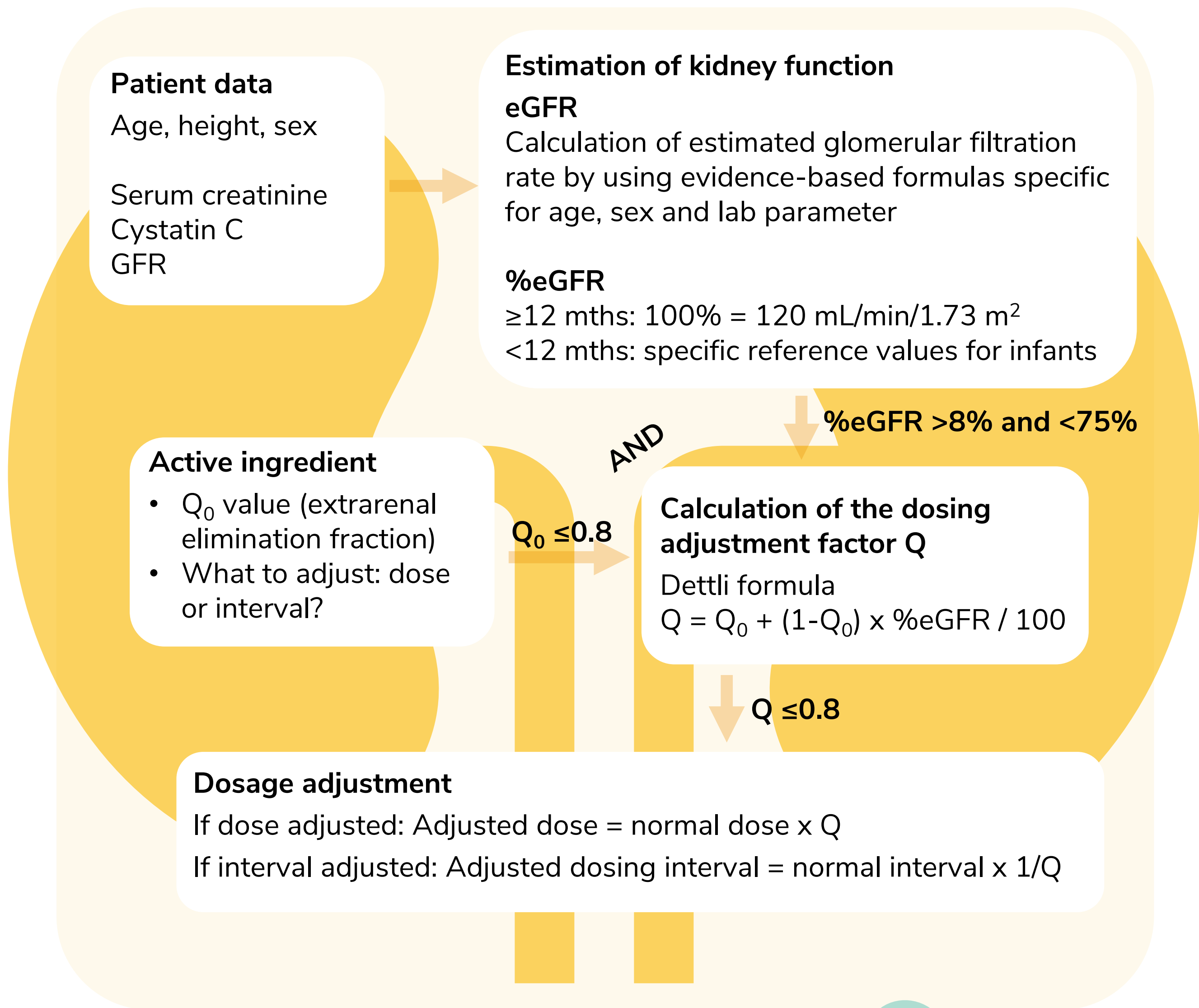
PEDeus AG, Zurich
Wälti M, Käser K, Bravo S, Higi L, Mühlbeier M, Guidoum M, Ermanni S, and Vonbach P

About PEDeDose

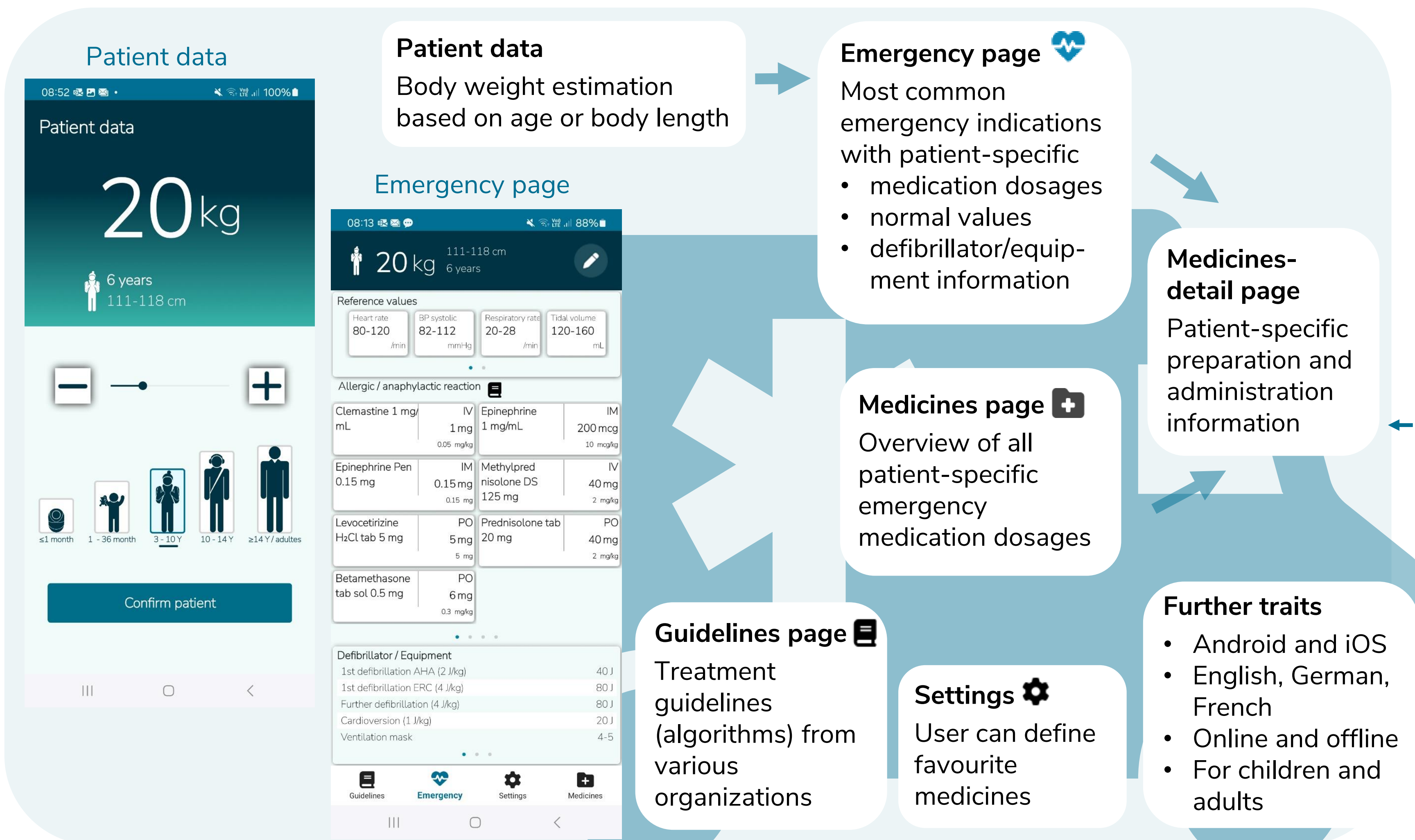
- Clinical decision support tool certified as a Class IIa medical device
- Helps pediatric healthcare professionals to calculate patient-specific dosages by using integrated algorithms
- Minimises dosing errors and therefore improves medication safety
- Reduces the time needed for dosage calculation
- Core tool providing algorithms to the associated tools PEDeMed and MEDeHelp



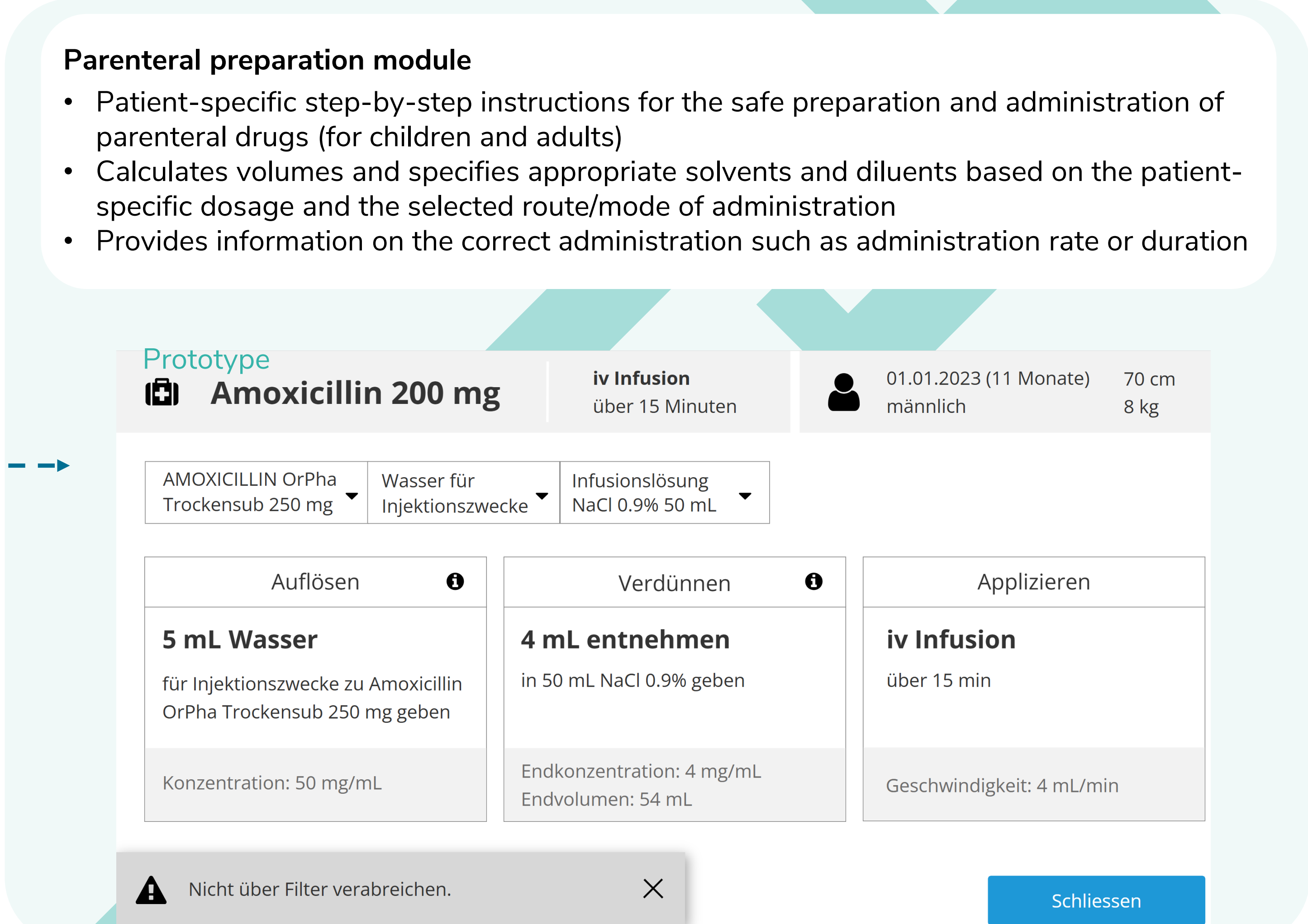
Dosage adjustment in kidney impairment



MEDeHelp – A mobile app for emergency care staff



PEDeMed Parenteral drug preparation and administration



Outlook

- Finalisation of software development, verification and validation (incl. Ux/usability tests)
- Data entry for the kidney impairment tool (e.g. Q_0 values, contraindications, nephrotoxicity), MEDeHelp (e.g. dosages, reference values, guidelines) and PEDeMed (e.g. diluents, solvents, infusion rates)
- Pilot introduction in dedicated institutions
- Launch digital tools with certified algorithms that will bring us closer to our vision of safe medication through digitalisation