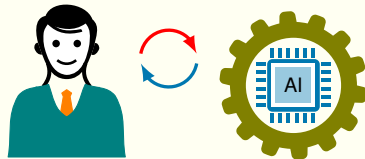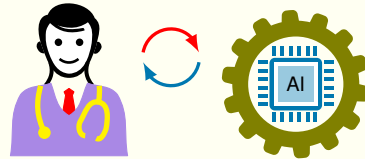The patient wears a passive continuous blood-pressure monitor, and reports antihypertensive administrations.

AI generates recommendation for antihypertensive dose titrations.

Patient-AI loop
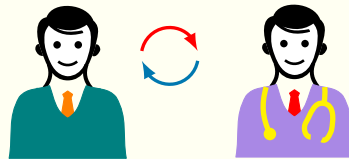
The clinician sets and updates the AI's limits for the titration of the antihypertensive dose.

The AI alerts of severe hypertension or hypotension, prompting follow-up or emergency medical services.

Clinical-AI loop

The patient discusses the AI-generated summary of their blood-pressure trend, and the effectiveness of the therapy.

The clinician checks for adverse events and identifies patient-specific modifiers (such as diet and exercise).

Patient-clinical loop