Hypotension after Spinal Anesthesia

75% of patients develop low blood pressure\(^1\)
$100M complications
1.25M Cesarean deliveries in the US\(^2\)

1. Klohr et al, 2010
2. CDC, 2015
Automating Drug Infusions

We need reliable systems able to function autonomously.

Explainable AI

Efforts to make the decision process more transparent

Features of Our Model

Define the target range SBP

Prediction for the SBP in the next 2 minutes

Dose adjustment anytime

Prediction for the phenylephrine dose in the next 2 minutes
Our Patients Are Ready for AI

Advantages of the Use of AI Technologies
- Better patient safety
- Focused physician attention
- Less clinical support

Patients believe that benefits outweigh the risks

Thank you