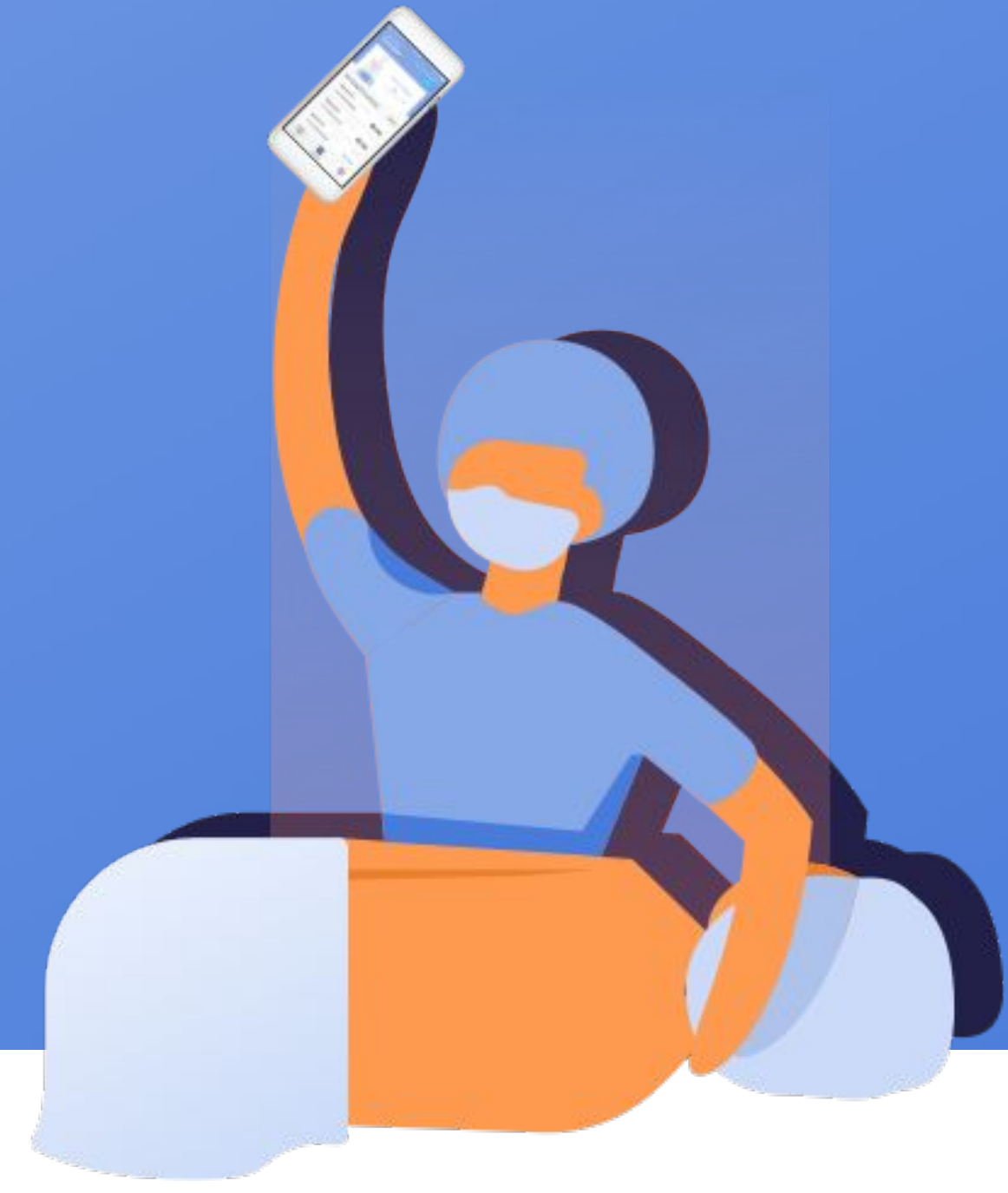Mimi Peach
Amanda C Shen
Angela Li Shuo
Steven Yong

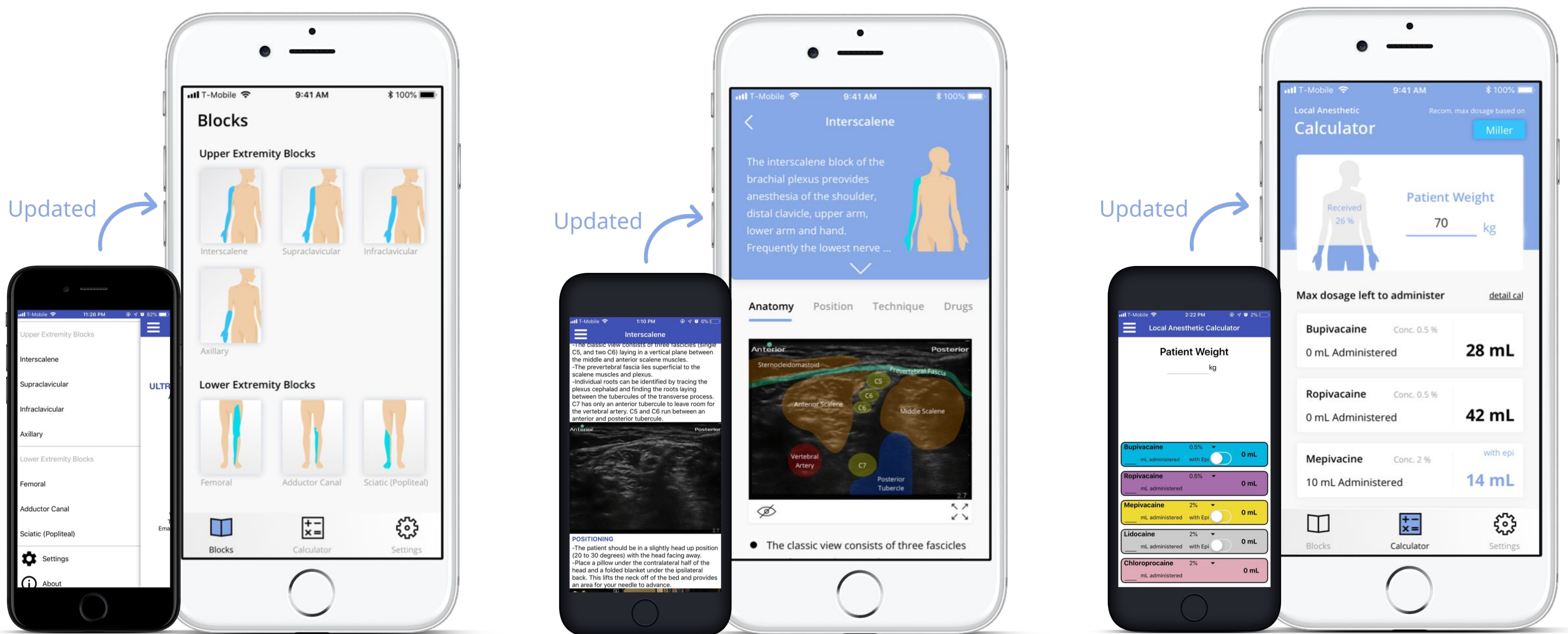# Improving Efficiency of Anesthesiologists through App Redesign

Problem

In a fast-paced work environment, effective review of clinical knowledge is crucial for an anesthesiologist's time management.

Solution

We intuitively restructured content based on relevance to anesthesiologists' goals of expediency and the requirements of our client.

Updated

Updated

Updated

Block List (Homepage)

Instead of having to scroll through a long list of nerve blocks in the menu bar, users are now able to browse through all blocks with greater ease.

Block Detail

Instead of having to struggle through cluttered content and unhelpful images, users are now able to find the information they want efficiently.

Calculator

Instead of having to interact with tiny buttons and confusing numbers, users are now able to calculate drug dosages with greater clarity and ease.

Process

Empathize

Came to understand the work of resident anesthesiologists through interviews and usability testing of the current app.
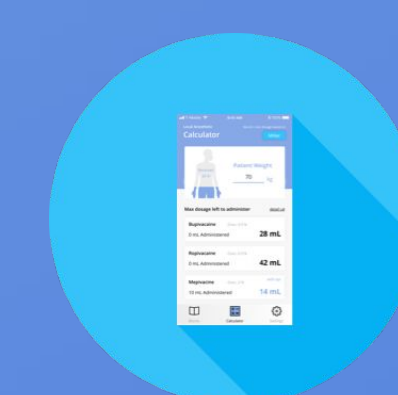
Ideate

We created low fidelity wireframes with design solutions based on their shared struggles.

Prototype

Combined our meaningful aesthetic decisions with the wireframe restructuring of crucial medical content to create a polished high fidelity prototype.

Test & Refine

After testing the usability of our redesign with 4 resident anesthesiologists at the UW Medical Center, we calibrated final revisions.