



Mission Statement

To develop a solution for transgender women and gender diverse individuals on gender affirming (feminizing) hormone therapy (GAHT) to provide:

- 1. a validated tool for research into treatment options for breast size and shape
- 2. patient monitoring of breast development (i.e., breast size and shape) to improve satisfaction with GAHT

Unmet Clinical Need

Breast development is a key feature of feminisation and thus, important to trans women.
The current self-reported Tanner Scale used in literature is limited by sensitivity to quantify changes in breast volume and have only been “validated” in cisgender women and made initially to pinpoint age.

Trans women seek their health professionals on reassurance on their development on GAHT and accurate/ translatable exterior assessment is not available or maybe inappropriate.

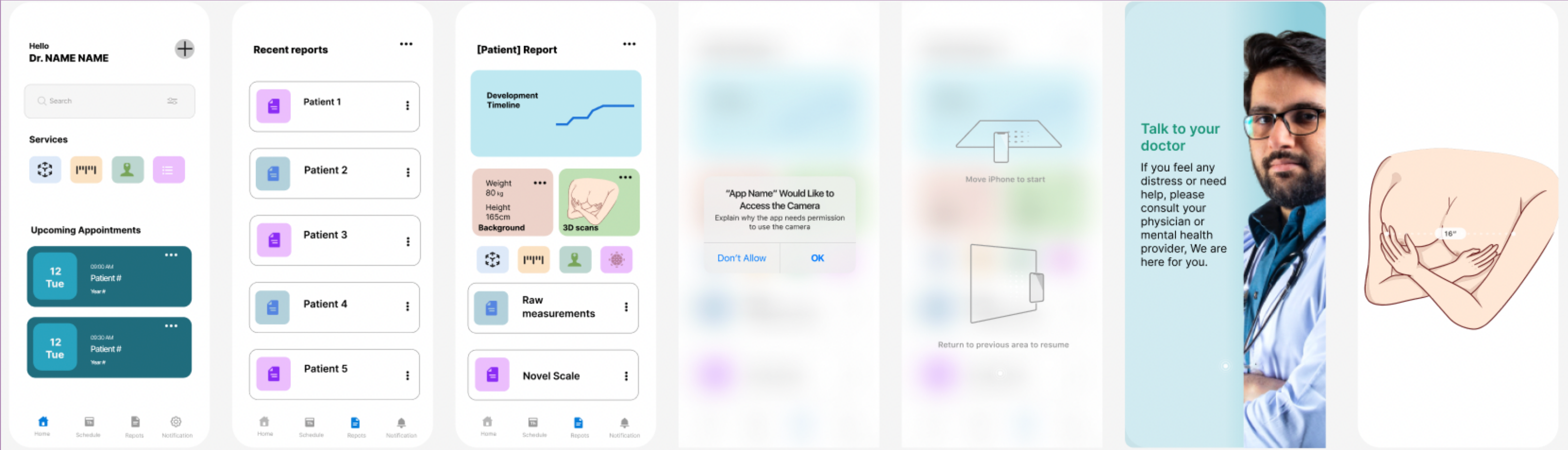
Other tools for measurement such as MRI and water displacement don’t take account both shape and size of the breasts. These tools have an accessibility problem such as price and time efficiency and some usually made to be used on cisgender women.

Impact

- Novel measurement different from bra sizing and Tanner staging that can be used clinically and in research (included raw data for viewing).
- Patient will be more informed through their consultations and appointments with a tool to gauge their satisfaction on their progress on hormone therapy
- This app will consider volume, size, and shape of the breasts and takes in to account anatomy and fat distribution of the person, especially those undergone male puberty.
- An app with 3D visuals to track development and is overall an empowerment app for people who are transitioning



Solution



- Clinician assists patient with 3D scans (after consent) during their usual appointments
- Scans and organises patients data into raw measurement file and to novel scale for discussion



"Patients who had documented transition photos found it really rewarding how much their body changed." - Clinical psychologist interview

Timeline

