

## **Study Design Update & UI Impact — Consolidated Note**

### **Purpose of This Document**

This document summarizes the finalized study design update and clarifies whether any changes are required to the current participant-facing UI. It aligns product, clinical, and engineering teams on scope and next steps.

### **1. Study Design Status (Locked)**

The Study Protocol / Study Plan has been updated and locked with the following design:

- 15 predefined clinical conditions
- Three imaging stages per condition (Front only; Front + Side; Front + Side + Video)
- Independent determination at each stage
- Determinations by both application and physician reviewers
- 45 determinations per rater

The study remains observational, non-diagnostic, appearance-based, and minimal risk. No app or UI changes are part of this update.

### **2. Review of Current User-Facing Questions**

Current participant inputs include consent, guided facial image capture, and a short optional questionnaire. Image quality checks (alignment, lighting, suitability) are handled by system or reviewer processes, not direct user questions.

### **3. Study-Value Evaluation**

Only questions that directly enforce scan conditions improve study validity.

- Product/makeup use: High value – keep or optionally confirm inline
- Sleep, hydration: Low value – remove
- Wellness context checklist: Optional – remove unless analyzed
- Free-text comments: Very low value – remove

### **4. UI Impact & Recommendation**

No new user-facing questions are required in the current UI. The updated study design affects evaluation only, not participant data capture. Optional confirmation of no makeup/product use may be added inline later, but is not required.

### **5. Next Steps (Out of Scope)**

CRFs, reviewer manuals, and UI refinements will be derived later from the locked protocol.

**Summary**

The Study Protocol is correctly updated and locked. No UI changes are required at this stage.