



Oral Diagnostic Equipment & Data Services

Introduction to Devices & SW



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1. Product introduction

Quantified numerical data acquisition and storage



Complementary device for X-ray equipment, Smartooth

By measuring with a light sensor,
It helps in the management and treatment of oral diseases.

-  **Optical Sensor**
High-tech sensor detects and measures tooth decay in three steps
-  **App. peristalsis**
Real-time diagnostic status check and data storage with quantified data
-  **Hygienic use**
Equipped with a single-use sensor probe for personalized measurements

3-Step notification System

Light and Sound Alerts



Green (Mute) You're in clear!

Light



Sound

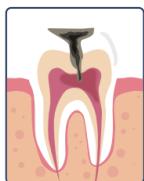


Amber (slow beeping) Keep an eye on it.

Light



Sound

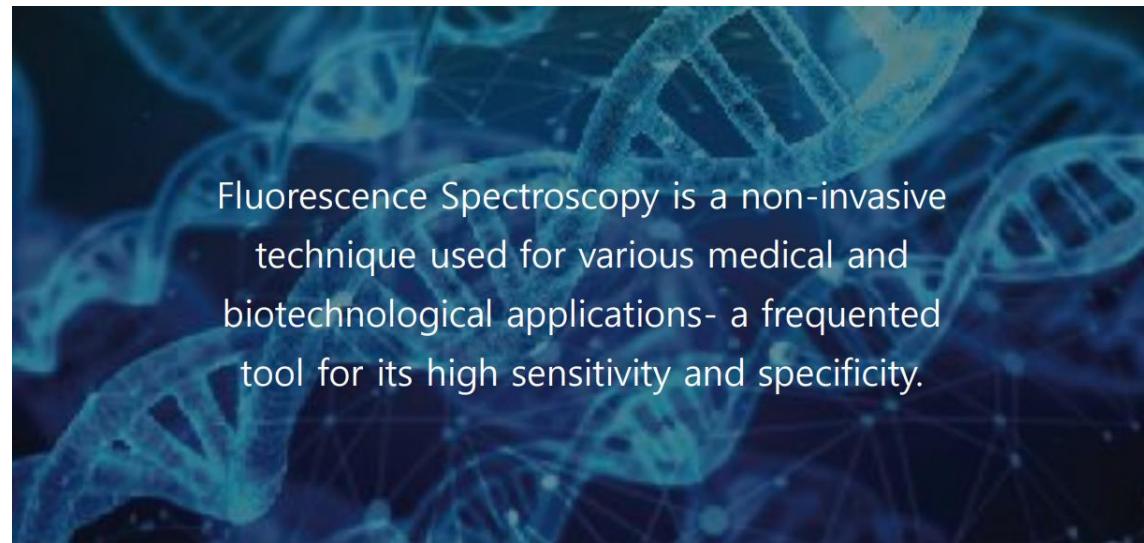


Red (fast beeping) It's time to see the dentist.

Light



Sound



Fluorescence Spectroscopy is a non-invasive technique used for various medical and biotechnological applications- a frequented tool for its high sensitivity and specificity.

2. Software Introduction

2. Software Introduction

1) Bluetooth Connect your device



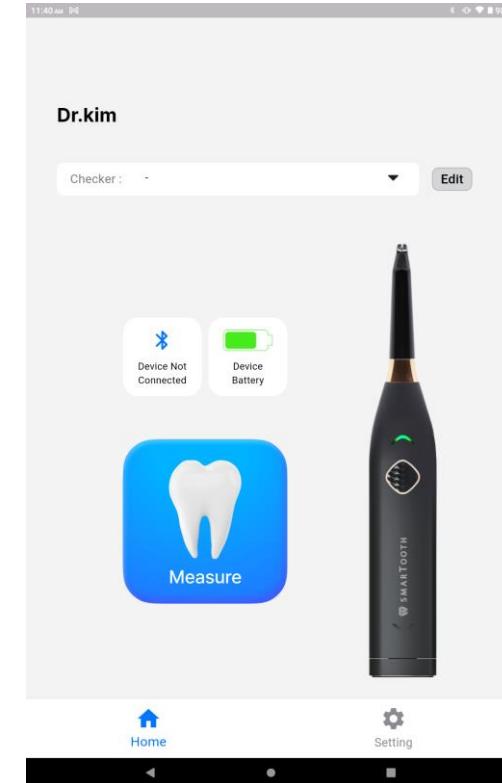
Connecting device..

Equipment Power Button ON
(hold for at least 1 second)



Connected

Bluetooth Waiting for a
connection

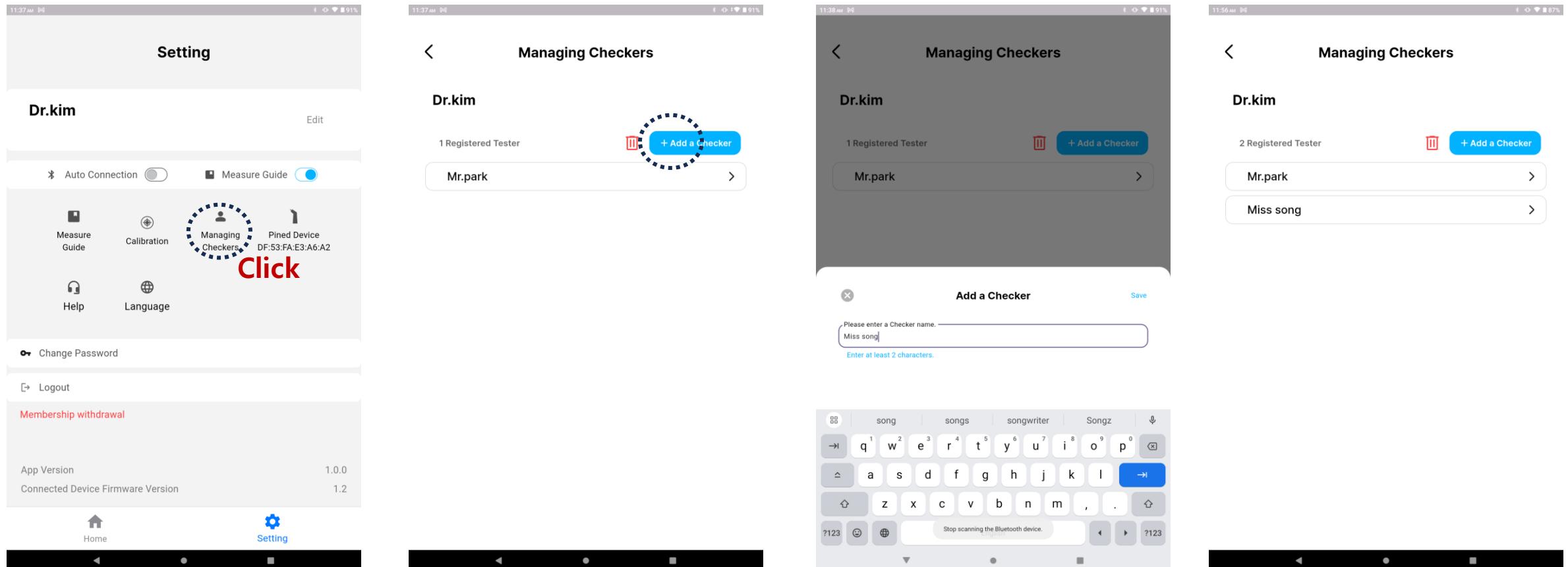


Bluetooth Main screen after
connecting

2. Software Introduction

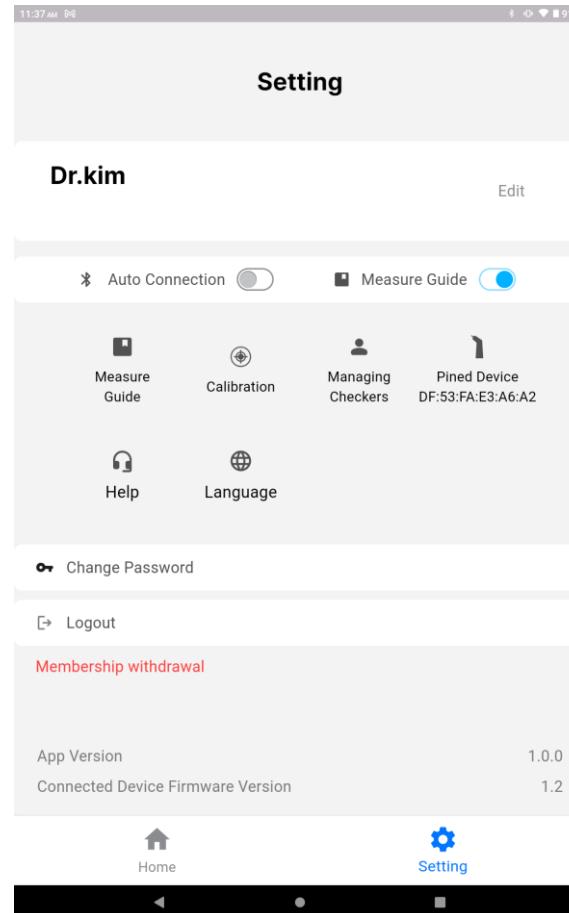
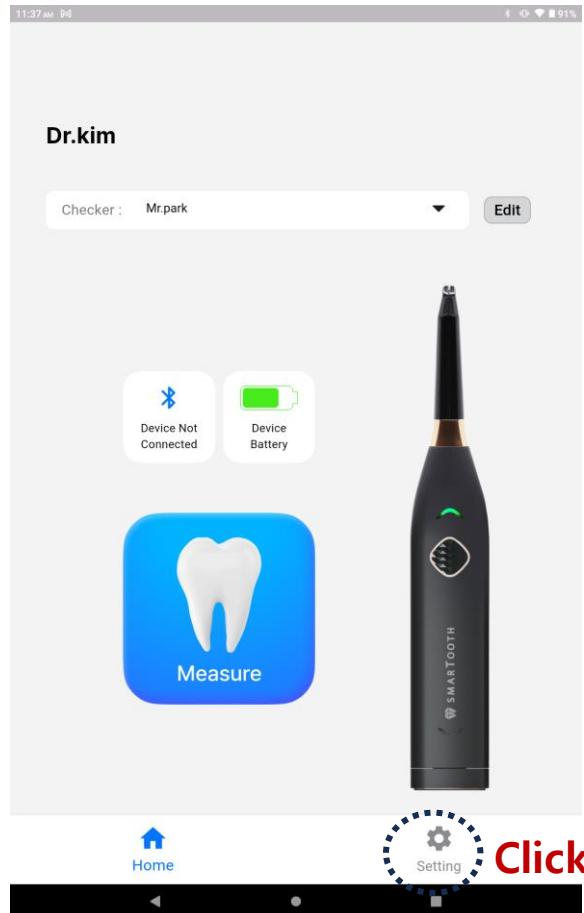
2) Storing Patient Data

(1) Full Registration



2. Software Introduction

3) setting



(1) Measurement Guide

Instructions for use before using the equipment when activating

(2) Calibration

(3) Managing Checkers

(4) Pin My Device

(5) Help

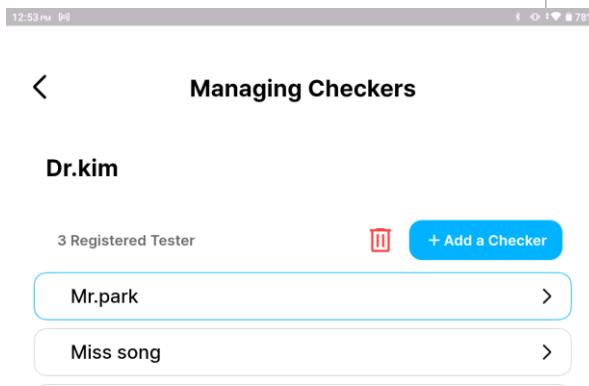
(6) Language Settings

Language Conversion Available (Korean / English)

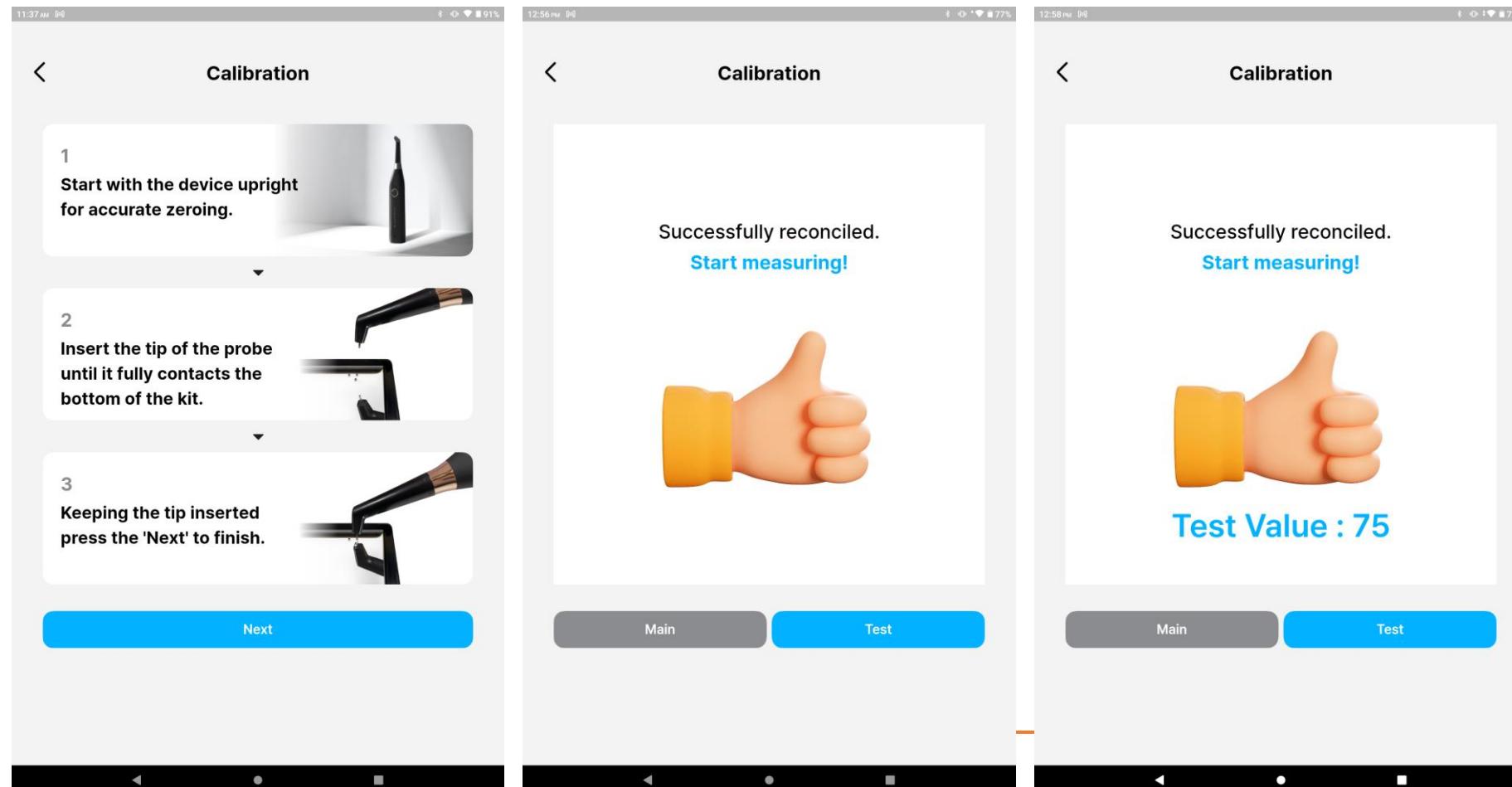
2. Software Introduction

3) setting

(1) List of inspectors



(2) Calibration

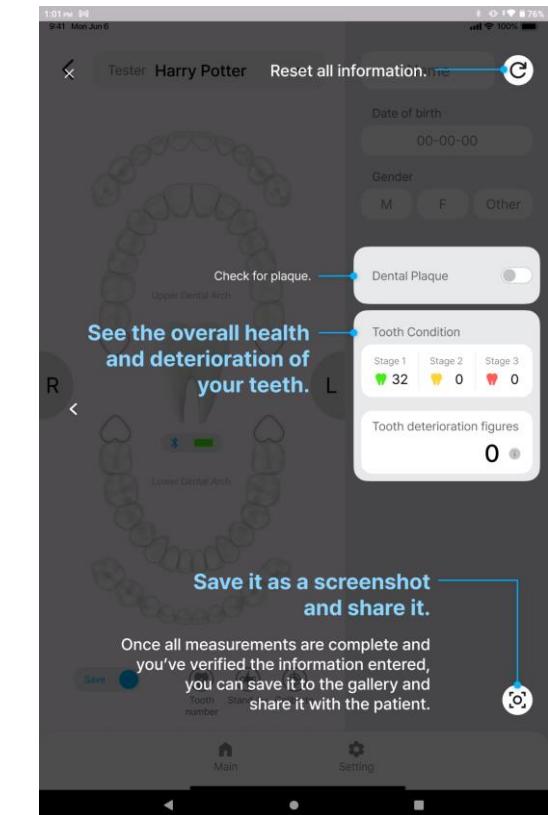
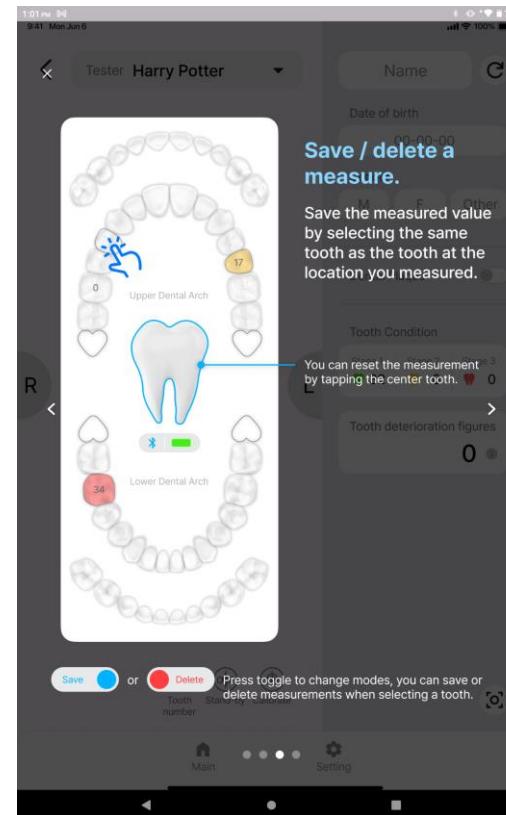
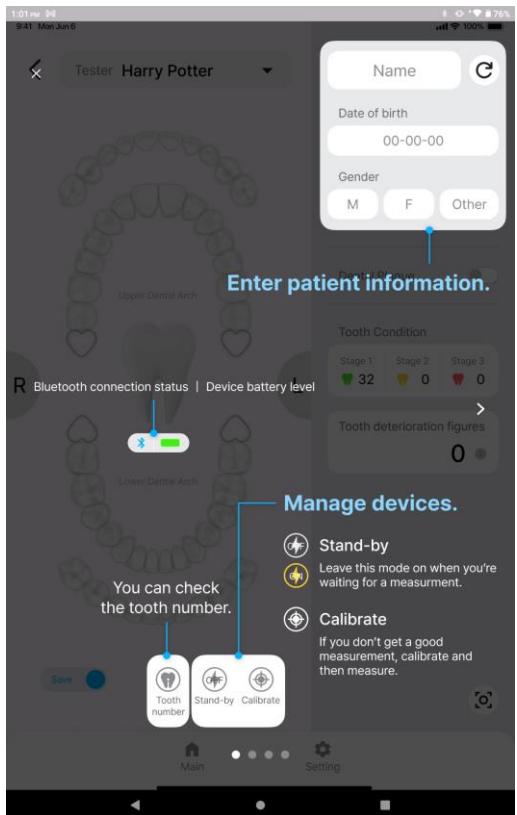


※ The equipment must be placed in place before the calibration process (until the second NEXT button is created) to be able to adjust the correct zeroing point. Contact the calibration kit and press the next button.

2. Software Introduction

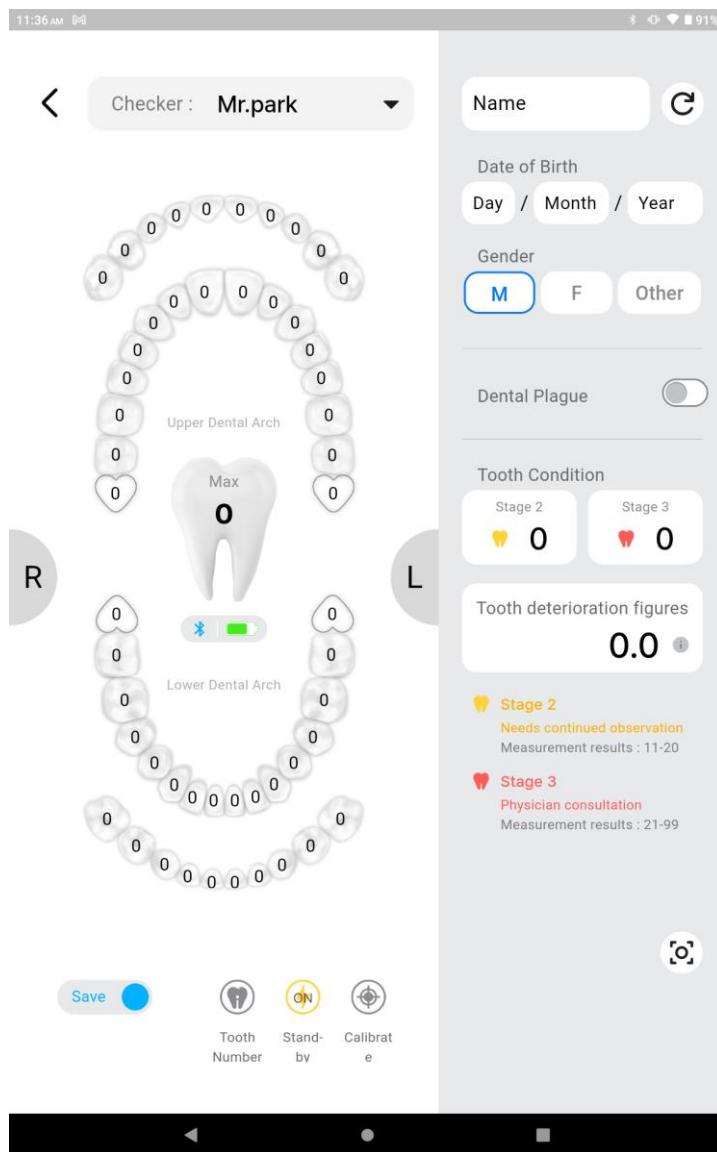
3) setting

(3) Measurement Guide

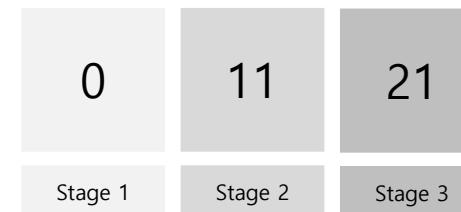


2. Software Introduction

4) Measurement result display



(1) Check for tooth decay through numerical information



Measurements range from 0-99.

0-10: Normal Teeth

11-20: Teeth in need of care and attention

Order 21-99: Suspected Tooth Decay

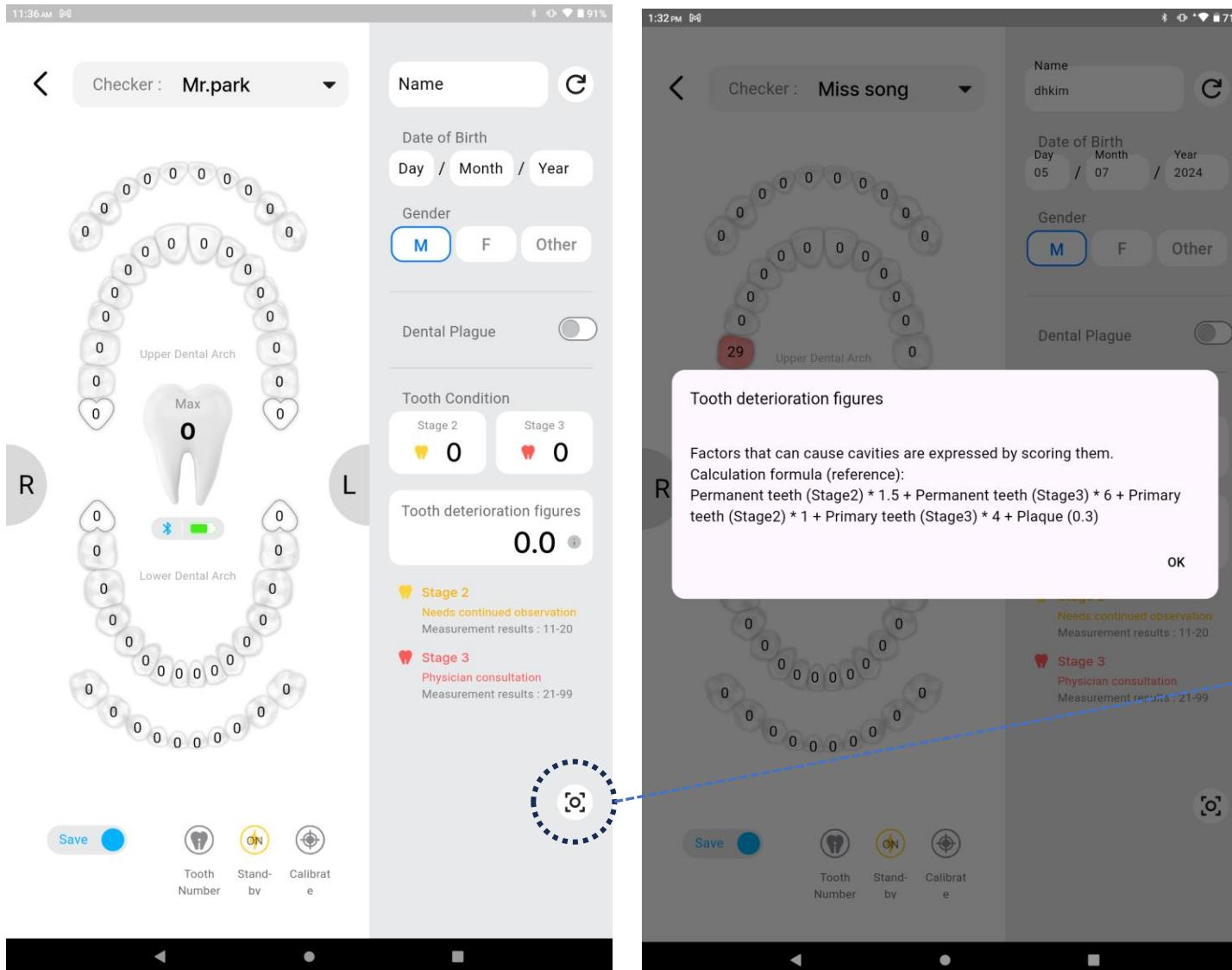
(2) Enter cavity location information

0-5 : No data saved with normal teeth

(3) It can be changed to 'Caution' or 'Serious' at the doctor's discretion

2. Software Introduction

5) Doctor's diagnosis and special matters



(1) Name

Patient name Input

(2) Date of Birth/ Gender

Patient Data Input

(3) Tooth condition

Tooth decay through numerical information Number

(4) Tooth deterioration figures

(5) Capture

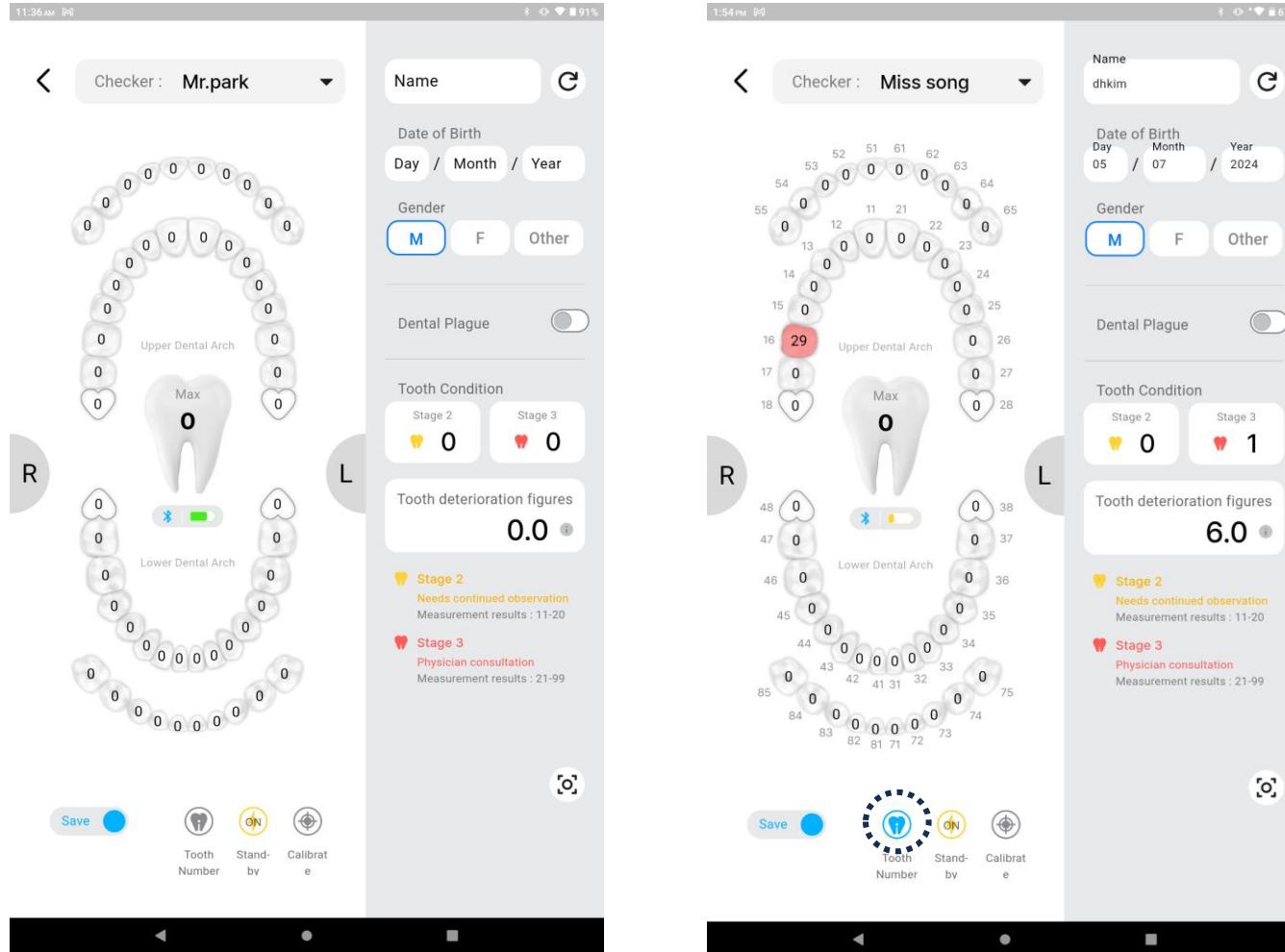
Capture patient measurements

2. Software Introduction

6) Other Functions

(1) Tooth Number

Show Tooth Number

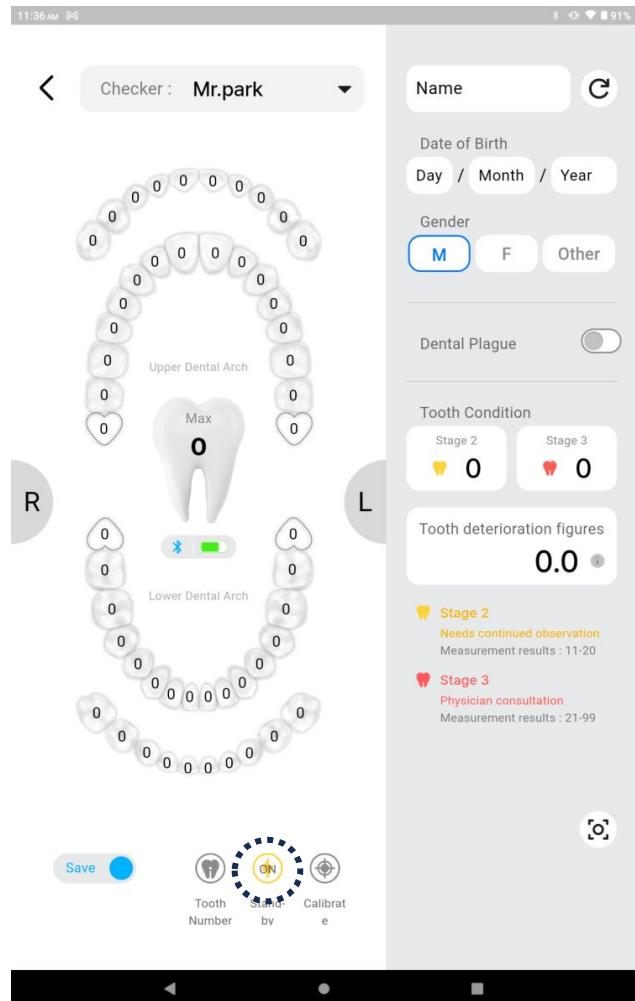


2. Software Introduction

6) Other Functions

(2) Stand by

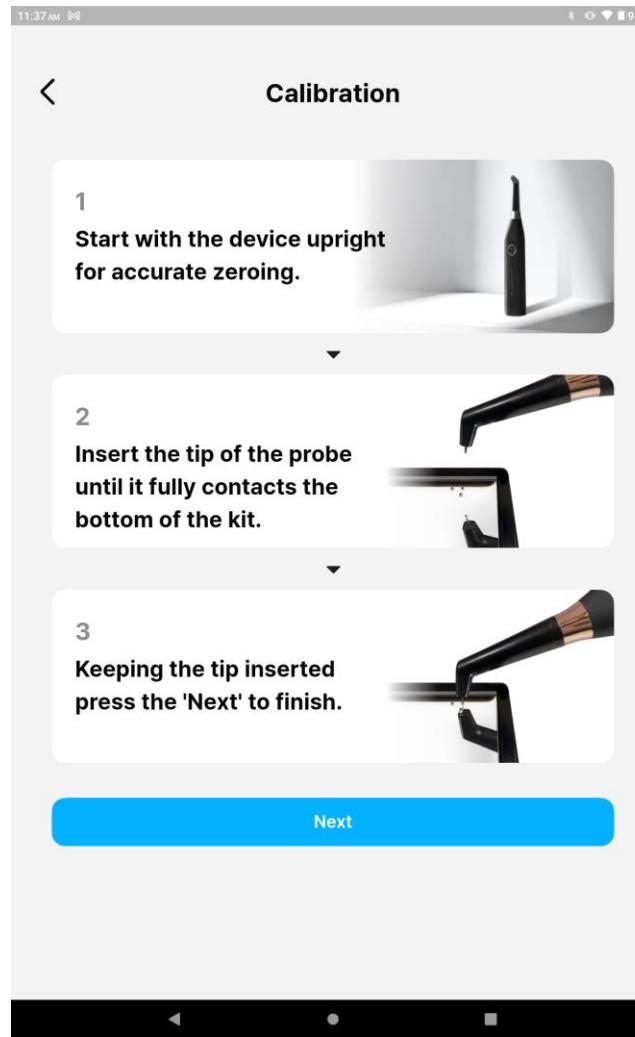
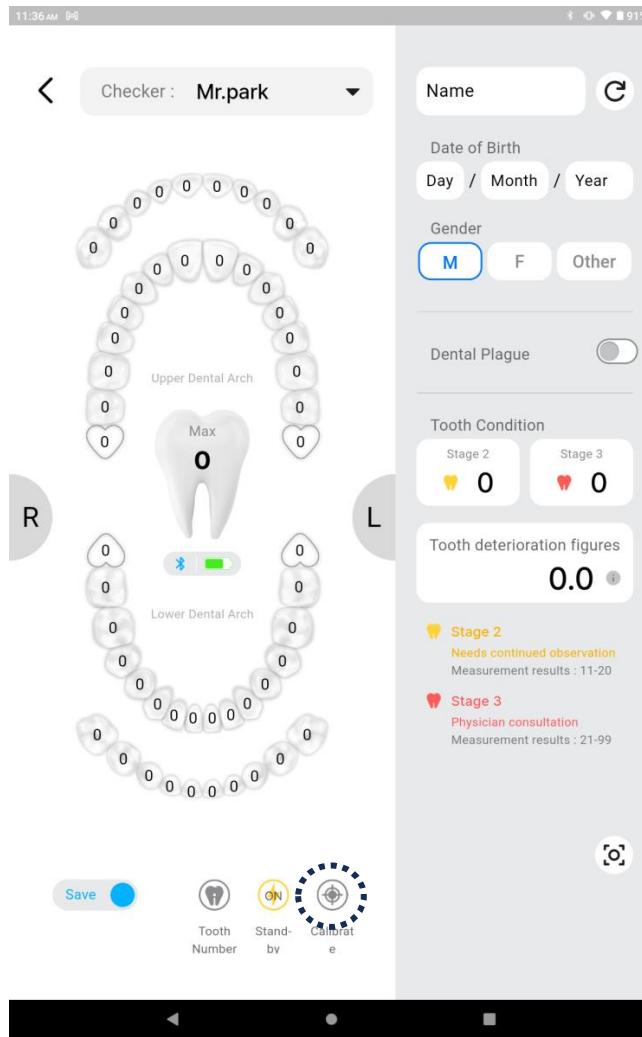
Equipment Standby Mode



2. Software Introduction

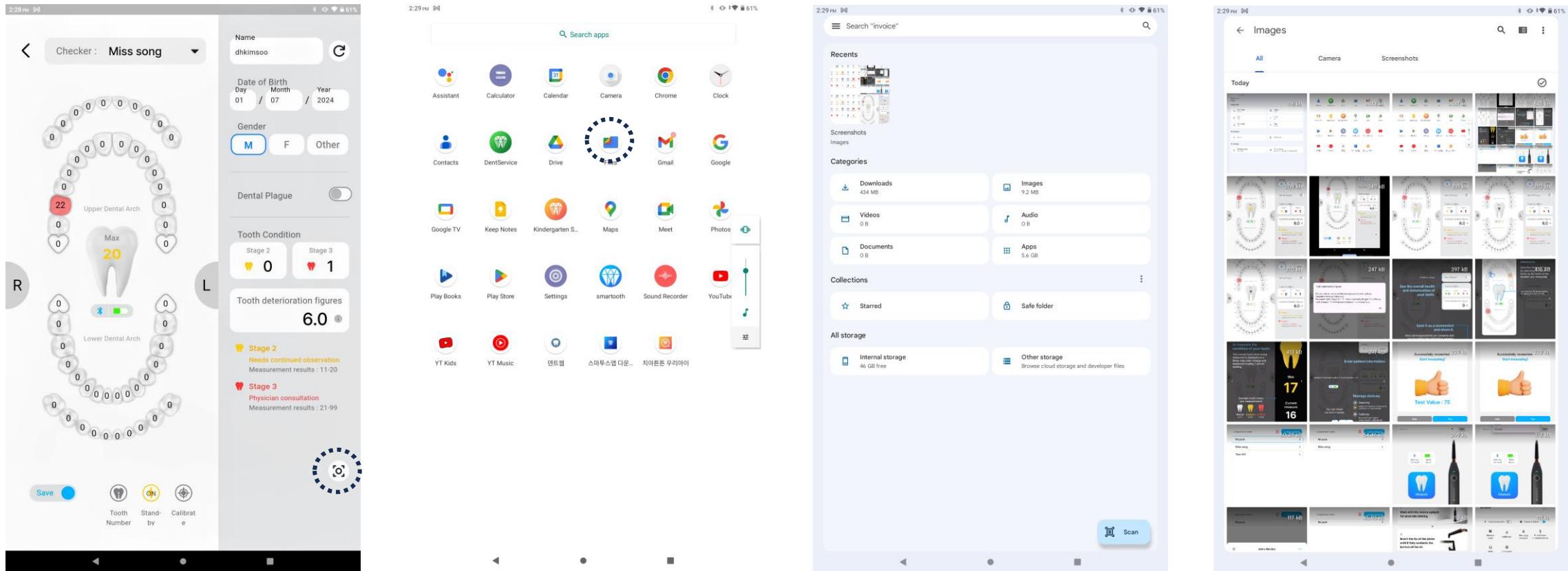
6) Other Functions

(3) Calibration



2. Software Introduction

7) Screen Capture function



After setting the function, press the screen capture icon to automatically save the result to [\[File > Image > All file Search\]](#)