



User Manual



Perimetrics, Inc.
2961 W. MacArthur Blvd, Ste 121
Santa Ana, CA 92704 USA
Tel: 888-325-7218
Innerview.ai

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1. Overview

The InnerView® System is an electromagnetically driven percussion system designed for dental professionals to collect percussion data of intraoral sites, such as a tooth or implant, to measure the mobility of the site and within the structure of the site. The device utilizes non-destructive quantitative percussion diagnostics (QPD), a mechanics-based methodology to measure the damping capacity of a tooth or implant by applying light percussion to its buccal surface.

The InnerView® System consists of a wireless handheld handpiece, a base station, single-use disposable tips, and software. A USB cable connects the base station to the user's PC. The handpiece and base station are automatically paired when the handpiece is placed in the base station. The base station also functions as a charger for the handpiece when docked. A fresh disposable tip must be attached to the handpiece before each new procedure.

The percussion response captured by the handpiece is wirelessly transmitted to the base station, then forwarded to the PC via USB, and subsequently to the Cloud for analysis and calculations. The percussion data is captured in an energy response graph (ERG), which depicts the mechanical response of the intraoral site as a function of time. InnerView® proprietary software analyzes the ERG data and, through the user interface, displays two independent outputs: Mobility, which quantifies external, overall mobility of the tooth or implant, and NFE, which quantifies internal mobility within the tooth or implant structure.

The device is intended for professional use on dental patients. Procedures must be performed only by trained dental professionals.

No modification of this device is allowed.

2. Labels and Symbols

Symbols used in this User Manual, on the product labels and the packaging:

Symbol	Description	
	Manufacturer	
	Catalogue/Part Number	
	Unique Device Identifier (UDI)	
	Lot Number	
	Non-Sterile	
	WEEE Waste Electrical and Electronic Equipment. Do Not Throw In Trash. Dispose of as regulated.	
	Type B Applied Part	
	Non-ionizing electromagnetic radiation	
	Temperature Limitation	
	Single Use Only. Do not re-use.	
	Keep Dry	
	Humidity Limitation	
	Atmospheric Pressure Limitation	
	Caution	
	Refer to User Manual	
	Consult instructions for use	
Rx Only	Caution: US Federal Law restricts this device to sale by or on the order of a dentist or other licensed dental practitioner	
FCC ID	Handpiece FCC ID: 2AXNK-INV1000 IC: 33686-INV1000	Base Station FCC ID: 2AXNK-INV2000 IC: 33686-INV2000

3. General Safety Information

Carefully read these instructions before installing and operating the InnerView® System. Only licensed dental professionals who have received proper training for correct use should operate this device.

The InnerView® System is intended for use by dental professionals.

Caution: The device should not be used in lieu of a full patient evaluation and should not be solely relied upon to make or confirm a diagnosis. The interpretation of the results, clinical diagnosis, treatment decisions, and the urgency of follow-up visits are the responsibility of the dentist.

Prescription Statement:

Caution: US Federal Law restricts this device to sale by or on the order of a dentist or other licensed dental practitioner.

3.1 Indications for Use

The InnerView® System is intended to precisely measure the damping characteristics of the periodontium and its associated fixed structures (teeth and/or implants). It can provide data to quantify tooth/implant mobility by producing two distinct outputs. InnerView's Mobility quantifies the external tooth and/or implant mobility. InnerView's NFE quantifies the internal mobility within the tooth or implant structure.

3.2 Contraindications

Patient risk must always be considered before using the device. Clinicians must understand the patient's medical conditions, use clinical judgment, and exercise caution for medical conditions that may contraindicate the use of the device.

The InnerView® System should not be used on patients with the following conditions:

- Acute periapical periodontitis
- Acute and chronic trauma
- Orthodontic patients with traditional braces

3.3 Adverse Events and Side Effects

There are no known adverse reactions or other side effects associated with the use of the device.

Caution: If any serious incident or patient injury has occurred in relation to this device, report immediately to Perimetrics' customer service at **1 (888) 325-7218**.

3.4. Malfunction or Damage

If the device fails to turn on, pair with the base station, or start tapping, stop using it immediately. Refer to Troubleshooting Guide in Section 18 or contact Perimetrics' customer service. **1 (888) 325-7218**.

Caution: No modification of this device is allowed.

- Do not use the device in any manner other than as described in this User Manual.
- Do not modify this device at any time.
- Do not use this device for any purpose other than its intended use and indications. If so, Perimetrics is not responsible for any injuries, incorrect diagnosis, or damage caused by this.
- Use of accessories not authorized for use in connection with this device may cause malfunction and compromise patient safety.
- Don't use the device if the USB cable is damaged, worn or loose.
- Never use this device in the presence of flammable anesthetic agents mixed with air or pure oxygen.
- Do not attempt to open the handpiece housing. Do not repair, modify, or disassemble the device as this may damage the system and make it inoperable.
- The device is not waterproof. Do not submerge in water or any other liquids. Do not spray the handpiece or base station with disinfectants or cleaning solutions. Fluid ingress will damage internal parts of the system and make it inoperable. For cleaning and disinfection, follow instructions provided in section 9 - Cleaning and Disinfection.
- The handpiece must be used with specifically designed disposable tips intended for one single patient only. Always inspect the tips prior to use to ensure that the film membrane at the tip opening is intact. Do not use if any tear, damage, or deformation is observed as it may lead to contamination of the tapping mechanism. Replace with a new tip.
- The handpiece must be used with disposable protective sleeves to prevent handpiece contamination. Always inspect the sleeve prior to use. Replace any damaged or broken sleeve. See section 9 for details.
- Routinely inspect the device for any cracks or damage. Do not use the handpiece if any sign of damage or corrosion on the tapping rod is noticed as it may cause system malfunctioning and incorrect measurements.
- Take care when moving the InnerView® System between operatories. Do not throw or drop it. The device may break down and malfunction.

3.5. Operating Environment

The InnerView® System is suitable for use in its intended environment [professional healthcare (dental) facility] other than domestic establishments and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.

4. Description of InnerView® System

4.1. System Components



4.1.1 InnerView® Handpiece

Figure1: INV-1000 Handpiece



4.1.2 InnerView® Base Station

Figure 2: INV-2000 Base Station



4.1.3 InnerView® Smart Tip

Figure 3: INV-3000 Tip

4.2. InnerView® Software

The InnerView® System is operated through a software application installed on the user's PC. The computer must be running **Windows 10** or a later version. (The application is currently not available for MAC). The application provides a user interface that allows for device setup, collection of percussion data, and review of measurement results. The software manages system functions such as storing measurement data and organizing patient appointments. Additionally, the application supports automatic software/firmware updates and other essential data management tasks..

4.2.1 Installing the InnerView® Software

Perimetrics will provide a secure link or a USB drive to install the InnerView® software application on your PC. Please ensure that your PC **has up-to-date anti-malware and anti-virus software installed to minimize potential cybersecurity risks**. It should also comply with HIPAA security requirements.

InnerView® software updates are deployed automatically on a periodic basis. For more information on the implementation steps, refer to Section 11.

4.3. Connected Components

The InnerView® handpiece may only be used with the InnerView® base station due to the unique communication protocol, allowing the two components to link wirelessly during use. LED light indicators on the handpiece and base station serve as visual aids signaling the status of the wireless connection:

Base station - **blinking green** - pairing is established

The handpiece and base station are reusable system components and must be cleaned and disinfected between patients. Refer to Section 9 for complete instructions on cleaning and disinfection.

Caution: The InnerView® handpiece must be used only with the InnerView® disposable tips supplied by Perimetrics. Using different tips will render the device inoperable.

4.4. Power Supply and Battery

The handpiece is equipped with an internal built-in battery that is charged when the handpiece is placed in the base station. The base station is powered via a USB cable connected to a user's PC. The handpiece should always be stored in the base station when not in use to ensure proper charging. Do not plug the base station into a charging source other than a PC.

Caution: Do not use any other power supply or charging equipment as they will damage the device. Never attempt to open the handpiece to remove the internal battery. Contact Perimetrics with any charging and/or assumed battery-related issues.

4.5 Smart Tips

The InnerView® **tips** are disposable, exclusively designed for use with the InnerView® handpiece. Each tip contains an embedded security chip (*Figure 4*) that communicates with the handpiece once the tip is attached. The software verifies the tip's authenticity, registers it as new and valid, and assigns it to a specific patient for 1-hour of use. After 1-hour of use, the tip is automatically disabled and must be discarded. This feature prevents reuse and reduces the risk of cross-contamination between patients.



Figure 4: InnerView® Smart Tips

The tips are **non-sterile, single-use**, and **must** be discarded after completion of the measurements on one patient. Always wipe the tip with alcohol before use. Discard the tip after use.

Caution: The tip opening is sealed with a film membrane. **Always inspect each tip before use to ensure the film membrane is intact. DO NOT USE damaged tips.**

The InnerView® software prompts the user to attach a new, unused tip to the handpiece prior to each new procedure as shown below (*Figure 5*).

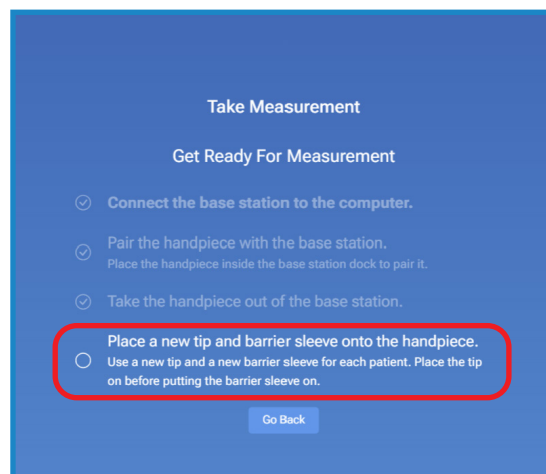


Figure 5: Attach Tip message

When a new, unused tip is attached, the handpiece will flash **green** to indicate it is ready for use (Figure 6a). If the handpiece flashes **red**, it indicates that a used tip was attached, and the system will not function (Figure 6b).



Figure 6a: Green Color – new tip attached



Figure 6b: Red Color - tip is not new

Once the tip is attached, the “Place a new tip onto the handpiece” message will disappear, and the device is ready for use on the patient, as shown in (Figure 7).

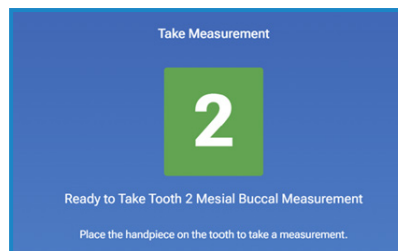


Figure 7: Begin measurements on the patient

Once the tip has been used, it must be removed for disposal and cannot be used on another patient. When the system detects that a “used” tip is inadvertently installed, a message will appear indicating the tip was used. The handpiece will not function until a new tip is installed. (Figure 8).

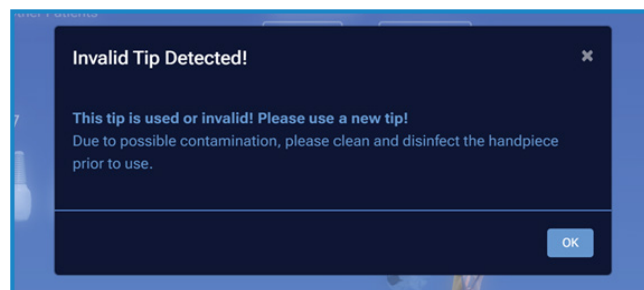


Figure 8: Indication of previously used

Caution: If a used tip is inadvertently placed on the handpiece, immediately clean and disinfect the handpiece before inserting a new tip. Refer to Section 9 for cleaning and disinfection steps.

5. Handpiece Battery Charge

The InnerView® handpiece is powered by a rechargeable lithium polymer battery. To charge the handpiece, insert it into the base station – the base station LED will be **bright blue** when charging.

Caution: Always remove both the barrier sleeve and the tip before inserting the handpiece into the base station.

The base station's **bright blue** light ring indicates the handpiece is charging (*Figure 9*).

It takes up to 4 hours to charge the battery from completely discharged to fully charged. When the handpiece is ready for use, a **green** indicator is displayed on the screen (*Figure 10c*).

Keep the handpiece stored in the base station to ensure a consistent charge and to protect the longevity of the battery. If a **yellow** low charge (*Figure 10b*) or **red** insufficiently charged (*Figure 10a*) indicator is displayed on the screen, place the handpiece in the base station as soon as possible.



Contact Perimetrics' customer service for any charging problems at **1 (888) 325-7218**.

Only connect the base station to a computer complying with international standards (i.e., IEC 60950-1 or IEC 62368-1) and with the USB connection requirement for the standard, 5VDC ES1 (Class 1 electrical energy source) or SELV (Safety Extra Low Voltage). The power equipment shall not exceed PS2 (Class 2 power source) or LPS (Limited Power Source).



Figure 9- Handpiece Charging

6. Battery Charge Indicators

The battery charge status is displayed at the top of the InnerView® application screen, indicated by red, yellow, or green icons (Figures 10 a, b, c):



Red - insufficiently charged

Figure 10a: Red icon indicates insufficiently charge



Yellow - low charge

Figure 10b: Yellow icon indicates partial, weakening charge



Green – fully charged

Figure 10c: Green icon indicates full charge

Caution: Always keep the handpiece docked in the base station to ensure a consistent charge and protect the longevity of the battery. When the yellow light indicator is on, indicating low charge, place the handpiece into the base station as soon as possible.

7. System Light Indicators

The InnerView® System is equipped with LED light indicators to signal the status of the device, its readiness for use, use errors, or lost communication. For troubleshooting refer to Section 18.

7.1. InnerView® Handpiece Light Indicators

Color				Meaning
Red	Green	Amber	State	
OFF	Blinking	OFF	Tip attached	Handpiece paired and new unused tip attached, ready to use
Blinking	OFF	OFF	Tip attached	The System detected that used tip was attached to handpiece
Solid	OFF	OFF	Patient test, no pressure applied	Inclination beyond usable range/ level out the handpiece
OFF	Solid	OFF	Patient test, pressure applied	Handpiece is at the correct angle for testing

7.2. InnerView® Base Station Light Indicators

Color			Meaning
Red	Green	Blue	
Blinking	OFF	OFF	The cleaning button is pressed while handpiece is docked
OFF	Blinking	OFF	Handpiece successfully paired with base station (two green flashes when inserting the handpiece indicate successful pairing)
OFF	OFF	Solid - Dim	No handpiece docked but plugged into active PC USB port
OFF	OFF	Solid -Bright	Handpiece docked and charging
OFF	OFF	Blinking	Base Station or Handpiece firmware update in progress

8. Technical Specifications

8.1. InnerView® Handpiece

Specification	Description
Tapping force	Less than 36 Newtons
Handpiece taps	4 times per measurement
Weight of tapping rod assembly	Approximately 9 g
Weight of handpiece	100 g
Weight of base station	430 g
Housing IP class	IPX0
External mobility (overall mobility)	Mobility scale 0 - 100
Internal mobility (mobility within the structure)	NFE scale 0 - 140+

8.2. InnerView® Base Station

Specification	Description
Input Voltage	5V
Housing IP class	IPX0
Protection class	II

9. Cleaning and Disinfection

The handpiece and base station are non-sterile and reusable components. During clinical use, the handpiece, although not in direct contact with the patient, may be exposed to contamination from contact with the soiled hands of the clinician or accidental splatter of body fluids because of proximity to the patient. Therefore, **the handpiece and base station must be cleaned and disinfected following each patient use, and before placing the handpiece back in the base station to avoid cross-contamination. They cannot be autoclaved;** doing so will make them unusable. Do not immerse any components of this product in any liquids and/or cleaning /disinfecting solutions. Do not spray the device with any liquids.

Caution: The handpiece **must** be used with a commercially available, FDA-cleared protective sleeve to provide extra protection against contamination. Perimetrics recommends the use of FDA-cleared **Dentsply Sirona Disposa-Shield®** (Reorder number: A88007). For details on how to prepare and apply the barrier sleeve refer to Section 9.1, below. Make sure the barrier sleeve is trimmed and placed on the handpiece according to instructions to ensure proper coverage.

The disposable tips are for single use only and must be discarded after one use. **The tips are nonsterile** when sold and should be thoroughly wiped with alcohol prior to use to reduce the risk of becoming contaminated through routine handling. **The tips are not autoclavable and should never be reused.**

Caution: Visually inspect each tip prior to use for any damage to the film membrane. **DO NOT USE** if the tip or film membrane appears to be damaged/torn. Broken film membrane may lead to contamination of the tapping mechanism. **If breakage is noticed during use, stop the procedure, immediately clean, and disinfect the handpiece and use a new tip.**

The cleaning and disinfection steps outlined below were developed in accordance with US FDA recommendations and CDC guidelines. These methods have been validated to ensure that soil and contaminants are effectively removed, and the device is free of viable microorganisms. Adherence to the recommended steps is essential for maintaining patient safety and preventing transmission of infectious agents during use. Do not use other alternative methods and/or cleaning solutions, as they may not provide adequate cleaning and disinfection and present a risk to the health of the next patient.

Cleaning:

The cleaning process is intended to physically remove soil and other contaminants from the surface of the handpiece and base station.

Caution: Use only the **MANUAL** cleaning process described below. Other cleaning methods should be avoided, as they may damage the components inside the handpiece. Cleaning should be performed **immediately after each patient use and before disinfection** to prevent drying of the soil and contaminants on the device. Any delays may create conditions favorable to microbial growth, which may be challenging to subsequent cleaning and disinfection steps.

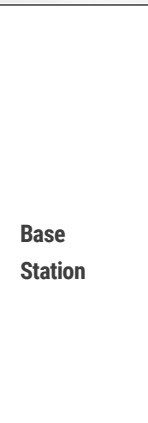
Wear protective gloves when handling the contaminated system components. Follow standard practices and precautions for personal protection.

1. After use, carefully remove the barrier sleeve and disposable tip and dispose of in a biohazard medical waste sharp container.
2. Promptly perform the cleaning of the handpiece and base station wearing new/clean gloves. Follow the steps outlined the table below:

Component	Step	Cleaning Instructions
	1	Orient the handpiece with the tapping rod pointing down. Press the button on base station to partially extend the tapping rod from the handpiece.
	2	Use CaviWipes to remove gross soil from the handpiece and the tapping rod. Use fresh CaviWipes to wipe the metal parts of the handpiece for 2 minutes. Use additional CaviWipes as needed to maintain the 2-minute contact time. Wipe the remaining portion of the handpiece for an extra 1 minute. Make sure that CaviWipe solution comes into contact with all seams and recessed areas.
	3	Visually inspect the handpiece for any residual soil. If any residual soil is still present, repeat step 2 above until all residual soil is removed.
	4	Allow the handpiece to air dry before proceeding to disinfection.
	5	Using a fresh CaviWipe, wipe all external surfaces of the base station for 1 minute to remove any visible debris. Pay particular attention to the "Cleaning Button", contact pins, and the docking recess.
	6	Saturate a cotton-tipped swab (or equivalent) with CaviCide and scrub the contact pins and handpiece docking recess for a total of 3 minutes. Rotate the swab and repeat with fresh swabs as necessary.
	7	Using a fresh dry wipe (lint-free), remove the CaviWipes residue. For the handpiece docking recess, use a dry cotton-tipped swab. Additional dry wipes and swabs may be used to ensure the residue has been removed.
	8	Visually inspect the base station for any residual soil to ensure all surfaces are clean and free of any debris. Pay particular attention to the "Cleaning Button", contact pins, and handpiece docking recess. If any residual soil is present, repeat the cleaning steps beginning with step 5 until all residual soil is removed.

Disinfection:

The disinfection procedure is intended to destroy any present microorganisms. **Always perform this procedure immediately after cleaning and before docking the handpiece in the base station.**

Component	Step	Disinfection Instruction
 Handpiece	1	Orient the handpiece with the tapping rod pointing down. Press the button on base station to extend the tapping rod from handpiece.
	2	Using a fresh CaviWipe, thoroughly wipe the rod and surrounding area, including contact pins and light pipes, using an aggressive rotating wipe technique, and continue down the length of the handpiece, ensuring the disinfectant reaches all seams, recesses, and articulating areas. Allow disinfected surfaces to remain visibly wet for a minimum of 3 minutes , per manufacturer's instructions. Additional CaviWipes may be used to ensure a minimum 3-minute contact time.
	3	Using a fresh dry wipe (lint-free), remove the CaviWipes residue. Additional dry wipes may be used to ensure the residue has been removed.
 Base Station	4	Using a fresh CaviWipe, wipe all external surfaces, ensuring the disinfectant reaches recessed areas. Allow disinfected surfaces to remain visibly wet for a minimum of 3 minutes, according to the manufacturer's recommendation. Pay particular attention to the "Cleaning Button", contact pins, and handpiece docking recess.
	5	Saturate a cotton-tipped swab (or equivalent) with CaviCide and scrub the contact pins and handpiece docking recess. Rotate the swab and repeat with fresh swabs, as necessary. Allow disinfected surface to remain visibly wet for a minimum of 3 minutes, per manufacturer's recommendation. Additional fresh swabs may be used to ensure a minimum 3-minute contact time.
	6	Using a fresh dry wipe (lint-free), remove the CaviWipes residue. For the handpiece docking recess, use a dry cotton-tipped swab. Additional dry wipes and swabs may be used to ensure the residue has been removed.

Caution: Always inspect the handpiece prior to use. Discontinue use of the handpiece if any of the following is noticed:

- Corrosion of the metal pins or tapping rod
- Presence of cracks or chips on the handpiece or any other signs of wear
- Colored light indicators do not work as designed.

Use of a damaged or worn-out device may compromise its clinical performance and result in false readings.

9.1 Barrier Sleeve

Caution: The InnerView® handpiece **must be used** with commercially available FDA-cleared barrier sleeves, such as Dentsply Sirona Disposa-Shield® (Reorder# A88007). Always inspect the sleeve before use. **DO NOT USE if any damage or loss of coverage integrity is noticed.** Replace it with a new sleeve.

Follow the instructions and illustrations below to prepare the barrier sleeve and place it on the handpiece.

Step1: Trim a new barrier sleeve to allow the tip to extend through the barrier sleeve (*Figure 11*).

Step 2: Place the trimmed barrier sleeve over the handpiece with attached tip. Ensure the sleeve **does not cover the tip opening** / film membrane. (*Figure 11*).

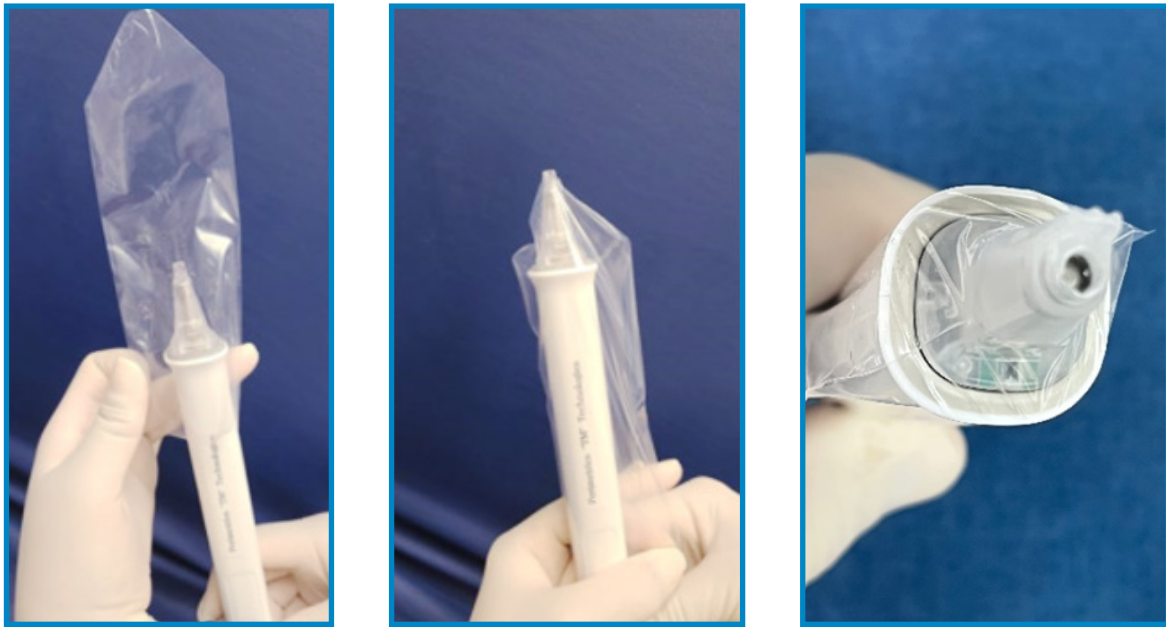


Figure 11: Placement of Barrier Sleeve over Handpiece with attached Tip

Step 3: After each use, carefully remove the barrier sleeve and dispose of it in a biohazard medical waste sharp container. Proceed to cleaning and disinfection per Section 9, above.

10. Patient Set Up and Data Management

10.1. Practice Configuration

The first time the InnerView® software is run, a “Practice Configuration” dialog box will appear. Enter the Practice ID assigned to your practice by Perimetrics and then click “Save” (Figure 12).

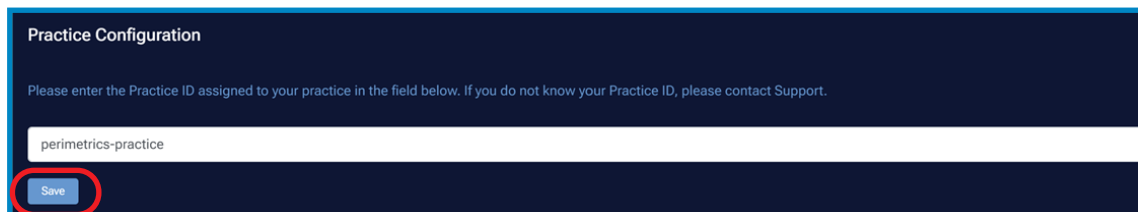
A screenshot of the "Practice Configuration" dialog box. The title bar says "Practice Configuration". Below the title bar, there is a text prompt: "Please enter the Practice ID assigned to your practice in the field below. If you do not know your Practice ID, please contact Support." Below this text is a text input field containing the text "perimetrics-practice". At the bottom left of the dialog box, there is a blue button labeled "Save" which is circled in red.

Figure 12. “Practice Configuration” dialog box

10.2. Logging In

Once the Practice ID has been set, all subsequent launches of the InnerView® software will result in a dialog box prompting you to log in (Figure 13).

If the Practice ID needs to be changed, click the “X” in the top right corner of the “**Login**” dialog box. You will automatically be taken back to “**Practice Configuration**” dialog box to update your Practice ID.

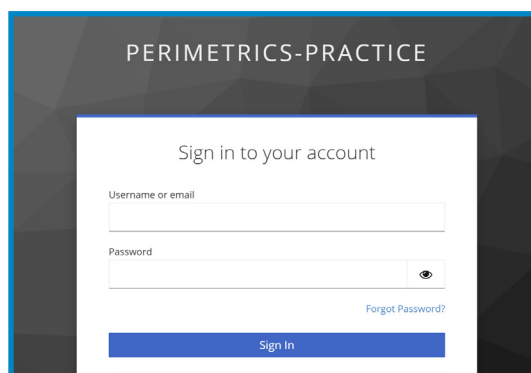
A screenshot of the "Sign In" dialog box. The title bar says "PERIMETRICS-PRACTICE". Below the title bar, there is a text prompt: "Sign in to your account". Below this text are two text input fields: "Username or email" and "Password". The "Password" field has a toggle icon (an eye) to its right. Below the "Password" field is a link that says "Forgot Password?". At the bottom of the dialog box, there is a blue button labeled "Sign In".

Figure 13: “Sign In” dialog box.

Each user in your practice is required to have a unique username and password. To log in, enter your username and password and click “**Sign In**”.

10.3 Working with Patient Records

Data captured by the InnerView® System is organized by patients. After logging in, the “Patients” tab will appear, which provides access to patient records (*Figure 14*). From this screen, either a new patient record can be created or an existing record can be opened.

The screenshot shows the top section of the InnerView software interface. It has a blue header with 'perimetrics InnerView' on the right. Below the header is a search bar with four input fields: 'ID', 'First name', 'Last name', and a date field labeled 'mm/dd/yyyy'. To the right of these fields is a blue button with a plus sign and the text '+ New Patient Record'.

Figure 14: “Patients” tab

Enter the patient’s first name, last name, and date of birth in the fields provided. If more than one patient is found, select the correct matching patient (*Figure 15*).

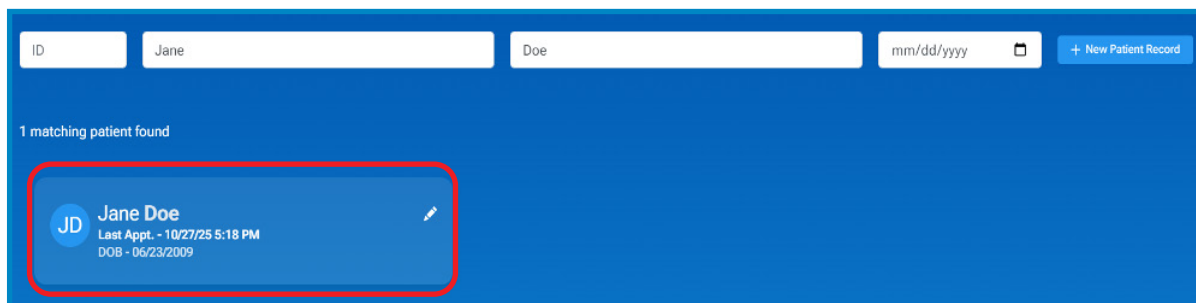
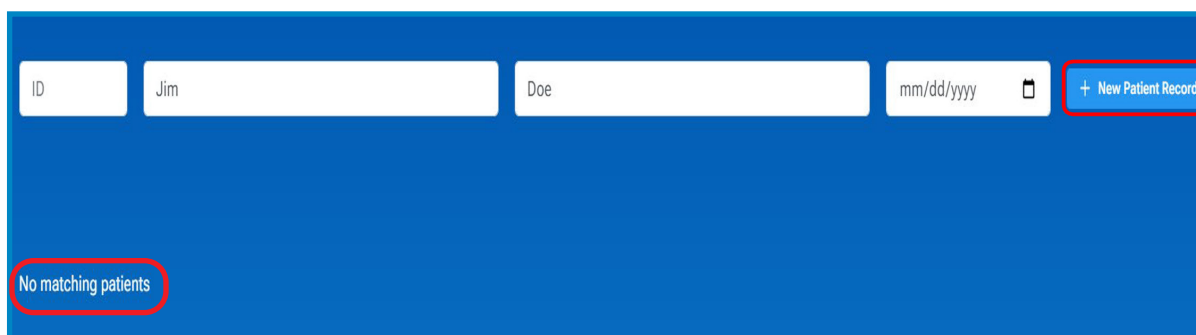
This screenshot shows the search results area of the InnerView interface. The search fields at the top contain 'Jane' in the 'First name' field and 'Doe' in the 'Last name' field. Below the search bar, it says '1 matching patient found'. A single result is displayed in a blue box with a red border. The result includes a circular icon with the initials 'JD', the name 'Jane Doe', and two lines of text: 'Last Appt. - 10/27/25 5:18 PM' and 'DOB - 06/23/2009'. A small pencil icon is visible on the right side of the result box.

Figure 15: “Select This Patient” button

If no matching patient is found, click “**New Patient**” button at the top of the window to create a new record.

This screenshot shows the search results area of the InnerView interface when no patients are found. The search fields at the top contain 'Jim' in the 'First name' field and 'Doe' in the 'Last name' field. The '+ New Patient Record' button at the top right is highlighted with a red border. In the search results area, the text 'No matching patients' is displayed in a blue box with a red border.

When the “New Patient Record” screen appears, enter the patient’s first and last name, and the date of birth (DOB). Note that the DOB is optional but recommended for patients with common names. Click **“Create Patient Record”** to save the information (Figure 16), then confirm your entry by clicking the “Confirm” button (Figure 17).

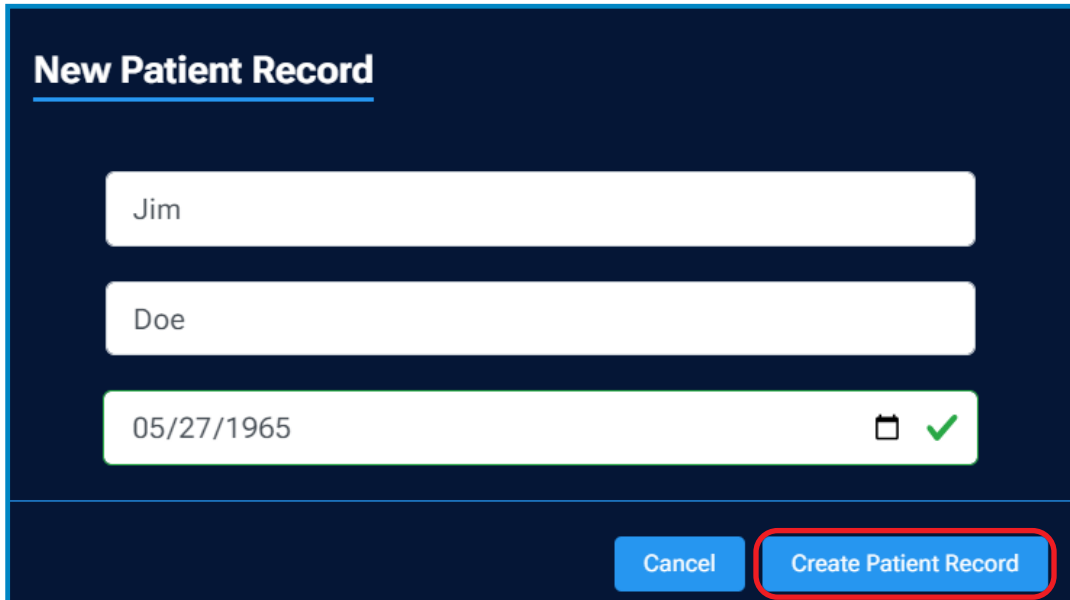
The screenshot shows a dark blue interface with the title "New Patient Record" in white. Below the title are three white input fields. The first field contains "Jim", the second contains "Doe", and the third contains "05/27/1965" with a calendar icon and a green checkmark to its right. At the bottom right, there are two blue buttons: "Cancel" and "Create Patient Record". The "Create Patient Record" button is highlighted with a red rectangular border.

Figure16: “Create Patient Record”

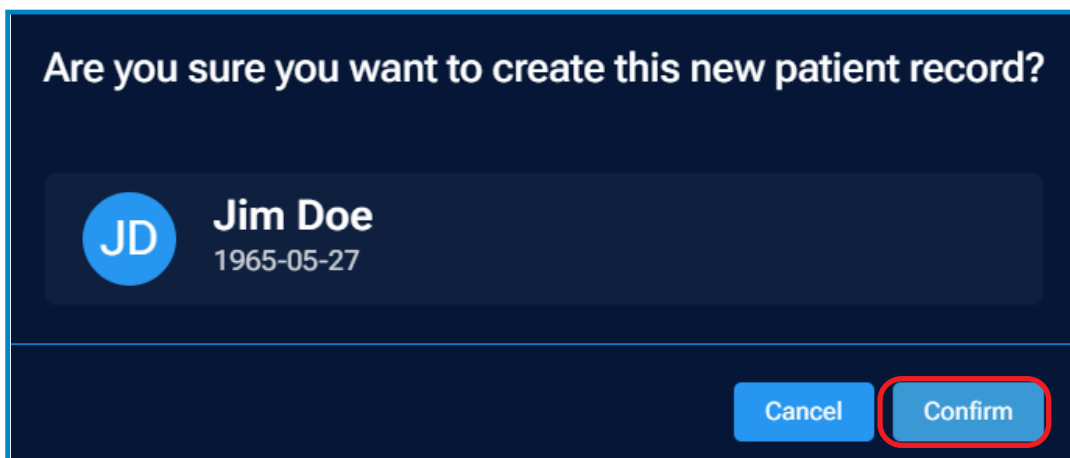
The screenshot shows a dark blue interface with the title "Are you sure you want to create this new patient record?" in white. Below the title is a white card containing a blue circle with the letters "JD" in white, followed by the text "Jim Doe" and "1965-05-27" in white. At the bottom right, there are two blue buttons: "Cancel" and "Confirm". The "Confirm" button is highlighted with a red rectangular border.

Figure17: “Confirm new patient record”

After a patient record is opened, the “Measure” screen appears as illustrated below (Figure 18). Click the green **“Set up a new measurement”** button to proceed. Measurements taken on teeth and implants follow the same protocol outlined below:



Figure 18: “Measure” Screen

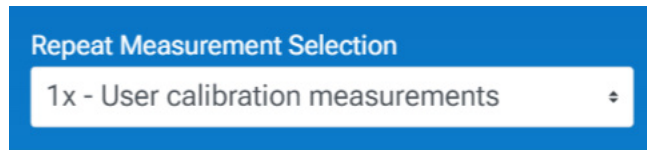


Figure 19: “Repeat Measurement” Selection

Use the Repeat Measurement Selection (Figure 19) to set how many times to repeat the measurement, if needed. This option, provided for user convenience, allows repeated measurements to be performed automatically without changing the current settings.

By default, this is set to “1x user calibration measurement”. Additional options, which can be selected manually, include:

- 1x: selected teeth are measured once.
- 2x: selected teeth are measured once, and the system then prompts for a second measurement.
- 3x: selected teeth are measured once, and the system then prompts for two additional measurements.

10.4 Measuring Protocol

To perform the measurements, follow the steps outlined below. The measuring protocol is identical for both teeth and implants.

1. The first step is the characterization of teeth and/or implants using the selection in the middle of the screen (Figure 20).

- To make or change the characterization of a site, to **Natural Tooth**, **Missing Tooth**, **Implant Abutment**, **Implant with Crown**, click on the green "Site Selection" button. (Figure 20).

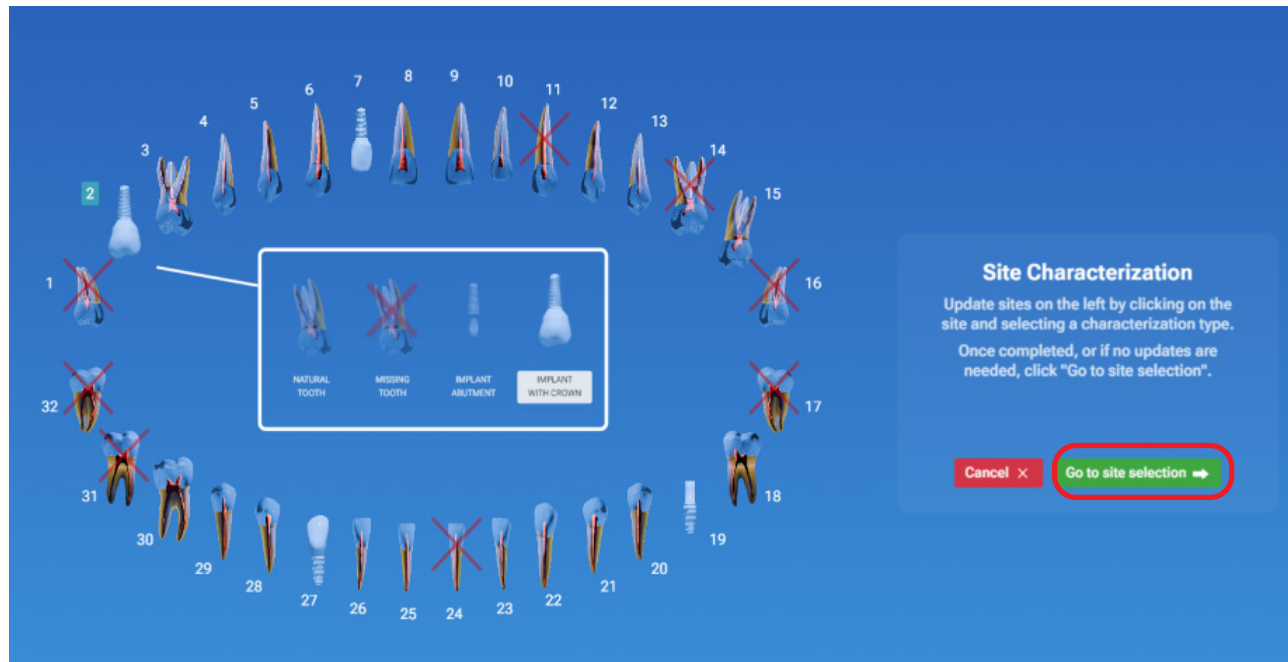


Figure 20: "Measure" tab

- The Site Selection feature (Figure 21) allows the selection of either all sites or specific sites for measurement.

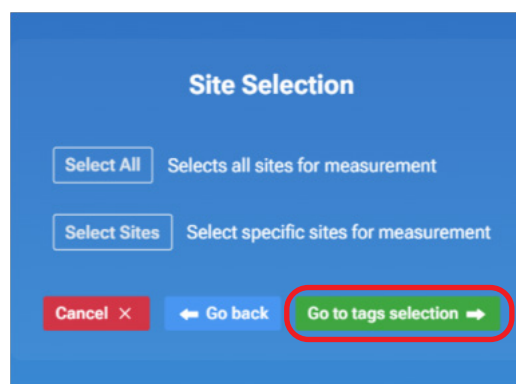


Figure 21: "Site Selection" tab

2. Select as appropriate and click “Go to tag selection” (Figure 21).
 3. Select one or more “Tag” options (Figure 22) to identify the reason for taking the measurement.
- The “Tags” are provided for convenience only and do not impact the measurement itself.

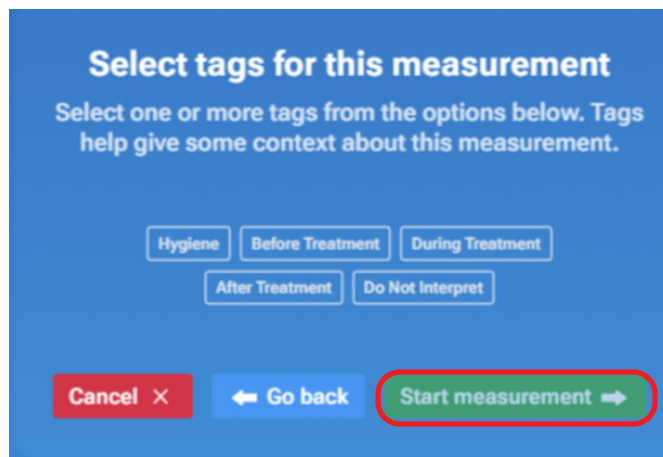


Figure 22: “Tag” Selection”

4. Before taking measurements, the system will automatically verify whether the base is connected to the PC, pairing is established, the handpiece is removed from the base station, and a new tip, as well as a barrier sleeve, are placed on the handpiece. The system will validate the tip, ensuring it is new and not previously used (Figure 23).

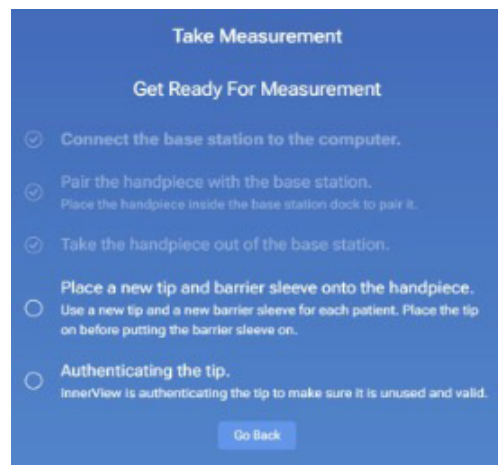


Figure 23: “Get Ready for Measurement”

5. Once the system is ready, it will automatically advance to the “Take Measurement” screen, displaying the site number where testing should begin (*Figure 24*).

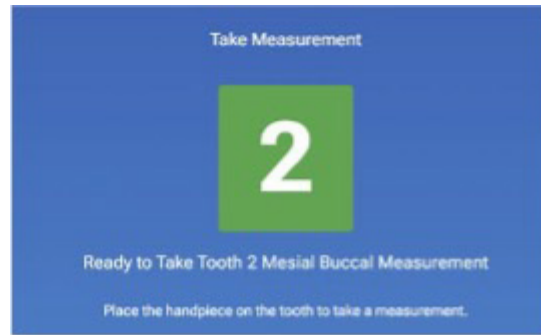


Figure 24: “Take Measurement”

6. Position the tip against the buccal or labial edge of the tooth/implant to be measured. The occlusal tab at the end of the tip will stabilize the position of the handpiece against the labial surface of the site to ensure consistent occlusal/gingival positioning. For molars/implants, position the handpiece so that the site is tapped on the mesial buccal cusp. For bicusps and anterior teeth/implants, position the tip to tap the center of the buccal/labial surface. Refer to Section 8 for tip placement guidance.
7. Follow the prompts to complete the measurement of all selected teeth/implants. The system will auto-advance from one measurement to the next by site number, with both audio and visual prompts. If inconsistent tapping is detected, the system will prompt a retest. When the test is completed, click “Finish” (*Figure 25*).

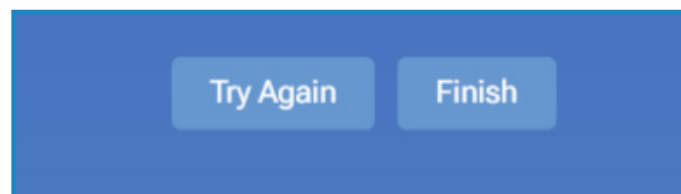


Figure 25: “Finish” Window

8. When the measurements are complete, the “**Results**” screen will appear (*Figure 26*).

Note: Mobility and NFE values are displayed separately and are independent of each other.

- a. When the “**NFE**” tab in the center of the screen is selected, the system will display the tooth or implant NFE data.

- **NFE** is a numerical value that quantifies the internal mobility within the site. For interpretation of results, refer to section 10.5.

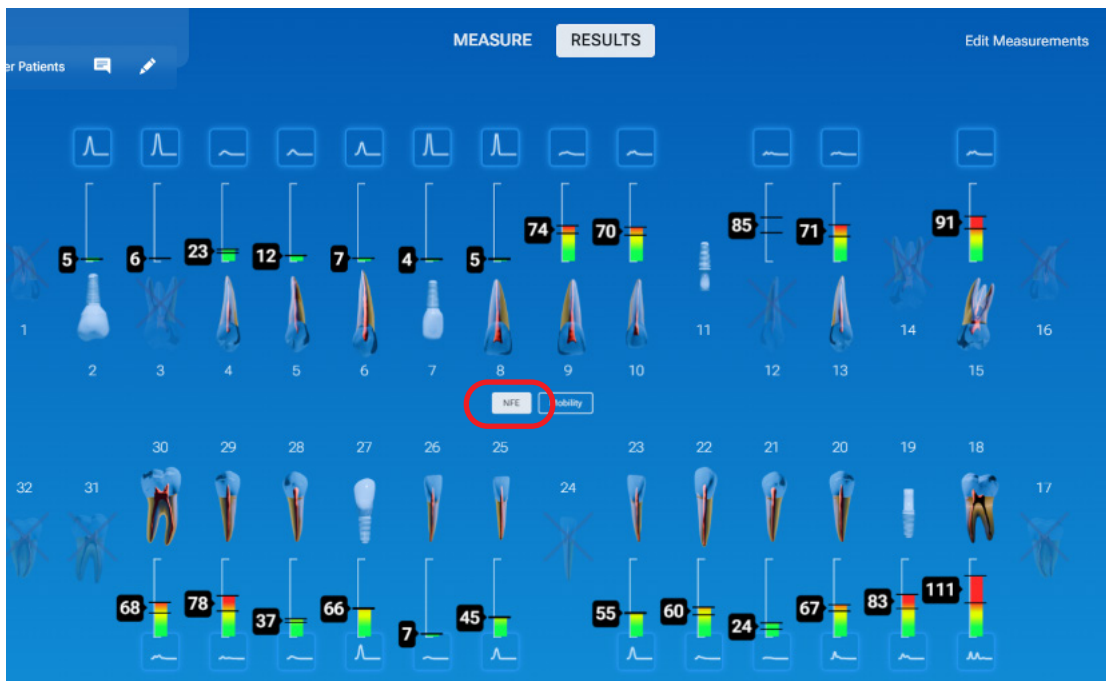


Figure 26: "Results" screen with NFE measurements "

b. When the "**Mobility**" tab in the center of the screen is selected, the system will display the tooth/implant Mobility data. (Figure 27).

- Mobility is a numerical value that quantifies the external mobility of the site. For interpretation of results, refer to section 10.5.

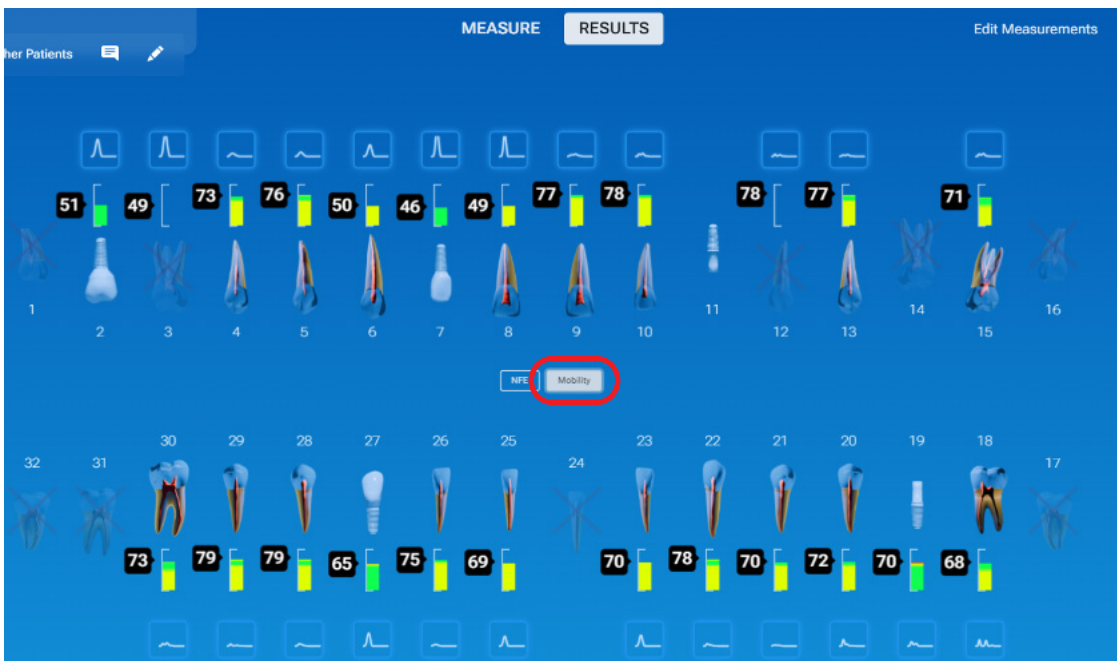


Figure 27: "Results" screen with Mobility measurements

If multiple measurements are collected during one appointment, for example, before and after treatment, use the “Measure” tab and repeat steps 1-5 as described above.

Caution: Disposable tips and barrier sleeves are designed for **single patient use only**. After all measurements have been taken, carefully remove the tip and barrier sleeve from the handpiece and discard in a biohazard waste container. Proceed with the cleaning and disinfection protocols per Section 9 prior to placing the handpiece into the base station.

Caution: A disposable tip can be used for up to one hour on the same patient. If additional time is required for measurements, the software will prompt a tip replacement, and the system will not operate until a new tip is installed.

10.5 Interpreting Results

The InnerView quantitative measurements are displayed in the Results screen for each tooth or implant **independently** (Figure 28).

- The **Mobility** measurements are displayed when the Mobility tab is selected.
- The **NFE** measurements are displayed when the NFE tab is selected.

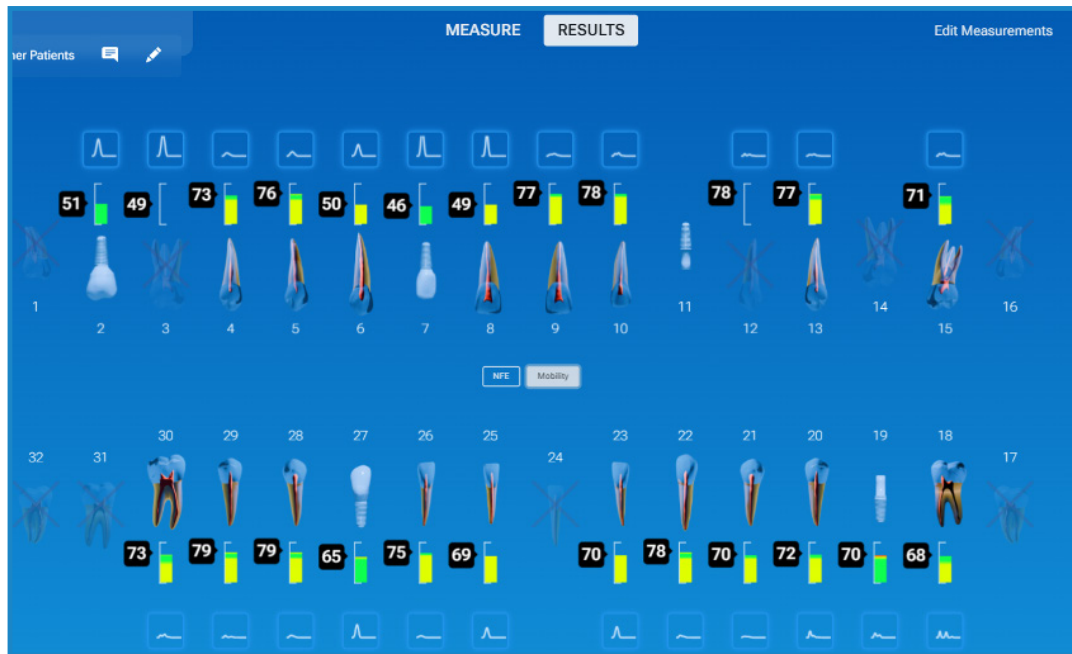


Figure 28: "Results" screen

10.5.1 General Guidelines

Use the initial measurements as a baseline. Monitor changes in the InnerView values between dental appointments as part of the overall patient evaluation. Subsequent readings over time and changes reflect changes in the mobility within the tooth or implant.

If an increase in either the NFE or the Mobility values for a tooth or implant is observed, a more comprehensive examination should be performed using traditional examination methods, such as X-rays, to determine the underlying cause. Readings showing an upward trend should be monitored for changes and evaluated to determine the need for preventive or proactive treatment.

The InnerView measurements are not intended to replace clinical judgment. These readings should not be used independently or solely relied on to make or confirm a diagnosis. **Final diagnosis and treatment decisions are the responsibility of the clinician.**

Always use the InnerView® readings within the context of the specific patient.

10.5.2 NFE Interpretation Guidelines

A NFE quantifies internal mobility within the tooth or implant structure on a scale of **0 - 140+**. The measurements are displayed as numerical values accompanied by a color scale for ease of interpretation and safer use of the device. As a general guideline, the higher the NFE number, the more internal mobility within the tooth structure or implant complex.



The following NFE ranges are based on InnerView's performance data and are intended to provide a general frame of reference for interpreting NFE readings. These ranges do not represent a formal recommendation, as biological conditions may vary among patients. **Always use your clinical judgment when making treatment decisions.** The ranges apply to both teeth and implants.

NFE values below 23 - generally associated with a stable structure with minimal to no internal mobility.

NFE values between 23 – 81 - if no other symptoms are present, continue monitoring for changes, and perform a deeper analysis if an upward trend in NFE readings is observed.

NFE values above 81 – generally associated with high internal mobility; a comprehensive clinical examination is recommended to determine the cause and appropriate next steps.

10.5.2 Mobility Interpretation Guidelines

Mobility values quantify the external, overall mobility of a tooth or implant on a scale from **0 - 100**. As with NFE, a color scale is provided for ease of interpretation. In general, lower Mobility values correspond to reduced mobility and greater stability of the tested site. Higher values indicate increased mobility and less stability for the site.

Mobility values can vary depending on the tooth geometry and whether the site is a tooth or an implant. The following ranges are provided as a frame of reference, based on available performance data, and do not represent an official judgment or determination. **Interpretation of results and clinical decisions remains the responsibility of the clinician.**

Mobility Ranges for Implants

- Mobility values **below 56** - generally associated with atypically low mobility.
- Mobility range **56-68** - represents typical mobility - if not other symptoms are present- continue monitoring for changes.
- Mobility values **above 68** - generally associated with atypically high mobility - a comprehensive examination is recommended to determine the cause and next steps.

Mobility Ranges for Teeth

Based on the tooth geometry, the following ranges indicate atypically high and atypically low mobility. Values between these ranges represent typical mobility.

Use clinical judgment when interpreting measurement results and making treatment decisions.

Atypically High Mobility

- Molar: over **72**
- Bicuspids: over **74**
- Cuspid: over **75**
- Incisor: over **79**

Atypically Low Mobility:

- Molar: less than **44**
- Bicuspids: less than **58**
- Cuspid: less than **58**
- Incisor: less than **66**

10.6 Trendline

To view a trendline for a tooth or implant, click on the site in question on the Results screen. The NFE and Mobility trendlines are displayed separately, showing the last eight measurements with their corresponding dates, for easy reference. (Figures 29 and 30).

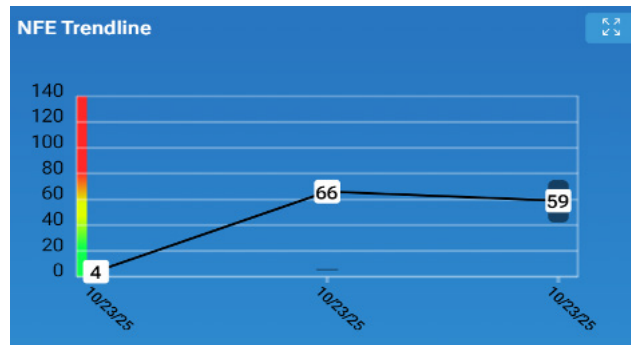


Figure 29- NFE trendline for a selected tooth

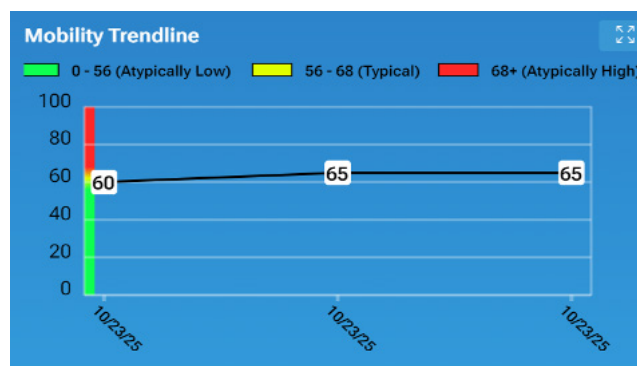


Figure 30: Mobility trendline for a selected implant

In addition to the trendlines, the user can view an enlarged Energy Return Graph (ERG), which provides a visual representation of the percussion response of the tested tooth or implant. The ERG is the raw source data for the analysis and calculation of Mobility and NFE. By default, the system displays percussion response from the most recent measurement. (Figure 31).

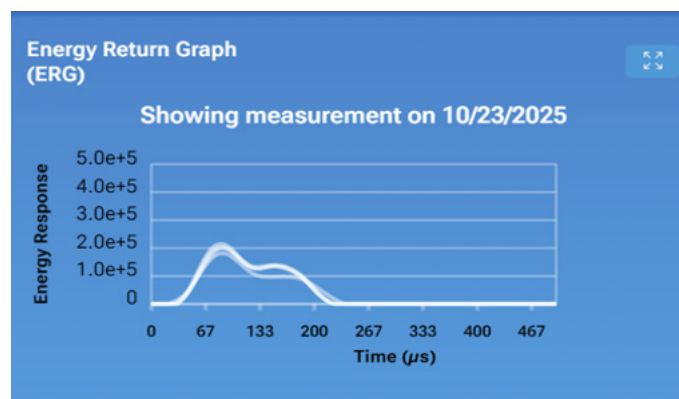


Figure 31: Energy Return Graph

10.7 Comparison of Results / Viewing Past Measurements

All prior measurement sessions are displayed at the bottom of the Results screen. (Figure 32).

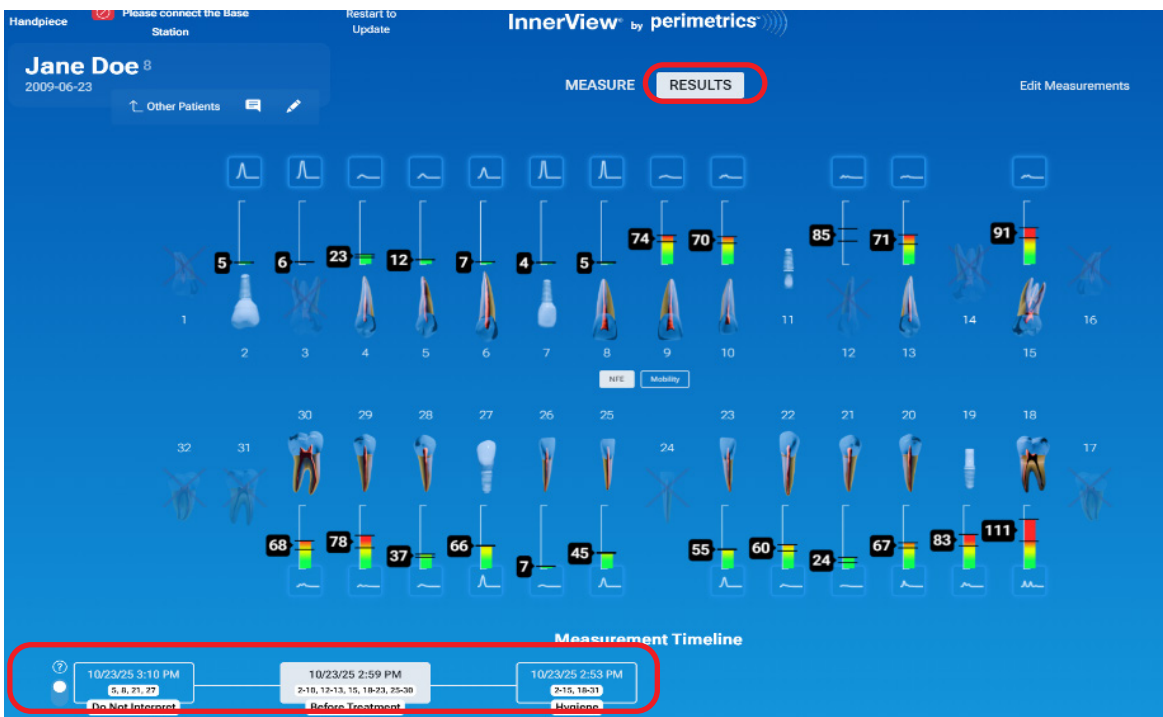


Figure 32: Measurement Timeline

By default, the most recent measurement session is displayed first. To view previous measurement information, select the dates you wish to compare. The tabs can be toggled on and off by hovering over and clicking them. Hovering over a specific tooth or implant displays the trendlines (Figure 28), enabling a more detailed review of prior measurements.

10.8 Ending Appointment

All measurements taken during an appointment are grouped, added to the patient's record, and saved automatically. No further action is required.

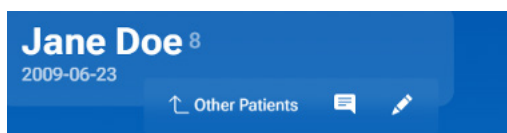


Figure 33: "Other Patients"

To return to the main patient search screen, click the **"Other Patients"** button at the top-left corner of the Measure screen (Figure 33).

A new appointment can then be started by selecting a new patient, as outlined in section 10.3.

11. Software Updates

At each startup, the InnerView® app will automatically check for newly available software updates that have been released. If a new update is available, the app will automatically begin downloading the new software. When the installation is complete, a **"Restart to Update"** message will display at the top of the app screen (Figure 34). Checking this prompt will install the upgrade. This prompt can also be deferred, and the software upgrade will be installed the next time the app is closed.

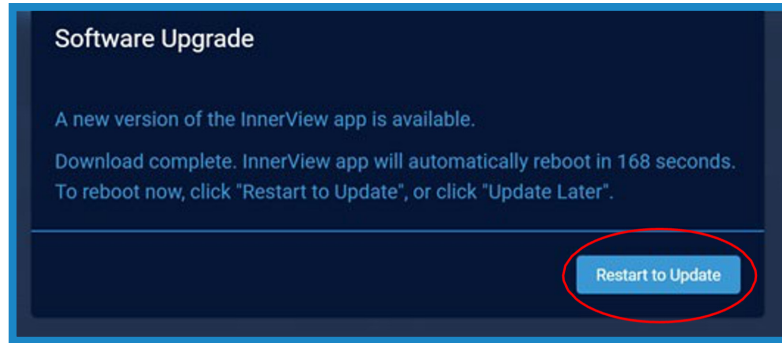


Figure 34: "Restart to Update" tab

You will be asked to allow the update to make changes to your computer. Click the **"Yes"** tab. (Figure 35).

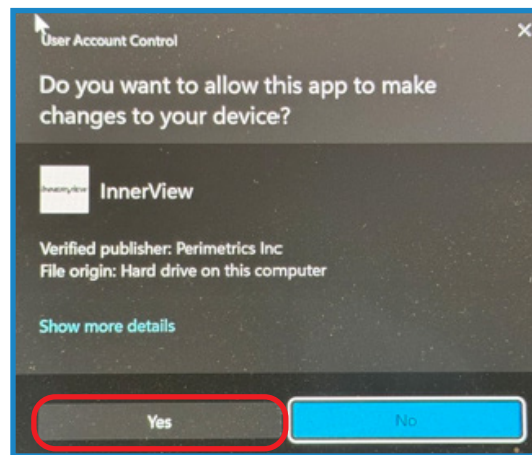


Figure 35: "Allow Update" tab

When the installation is complete, the indicator message will be replaced by **“Sign into your account”** prompt. Signing in will open the app with the new software version. (Figure 36).

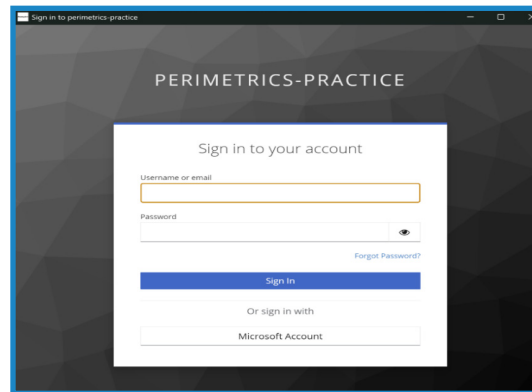


Figure 37: “Restart to Update”

Alternatively, the process to check for an update can be triggered manually, by opening the settings **“gear”** from the App side toolbar and clicking the **“Check For Update Now”** tab. (Figure 37).

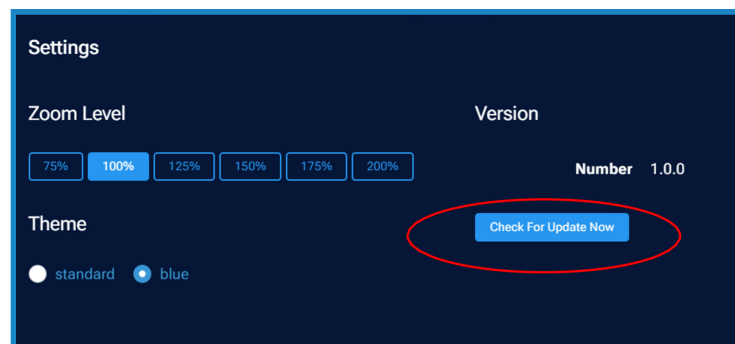


Figure 38: “Check for Update” tab

If the software does not have an available upgrade, then the message **“No update is available at this time”** will display. (Figure 38).

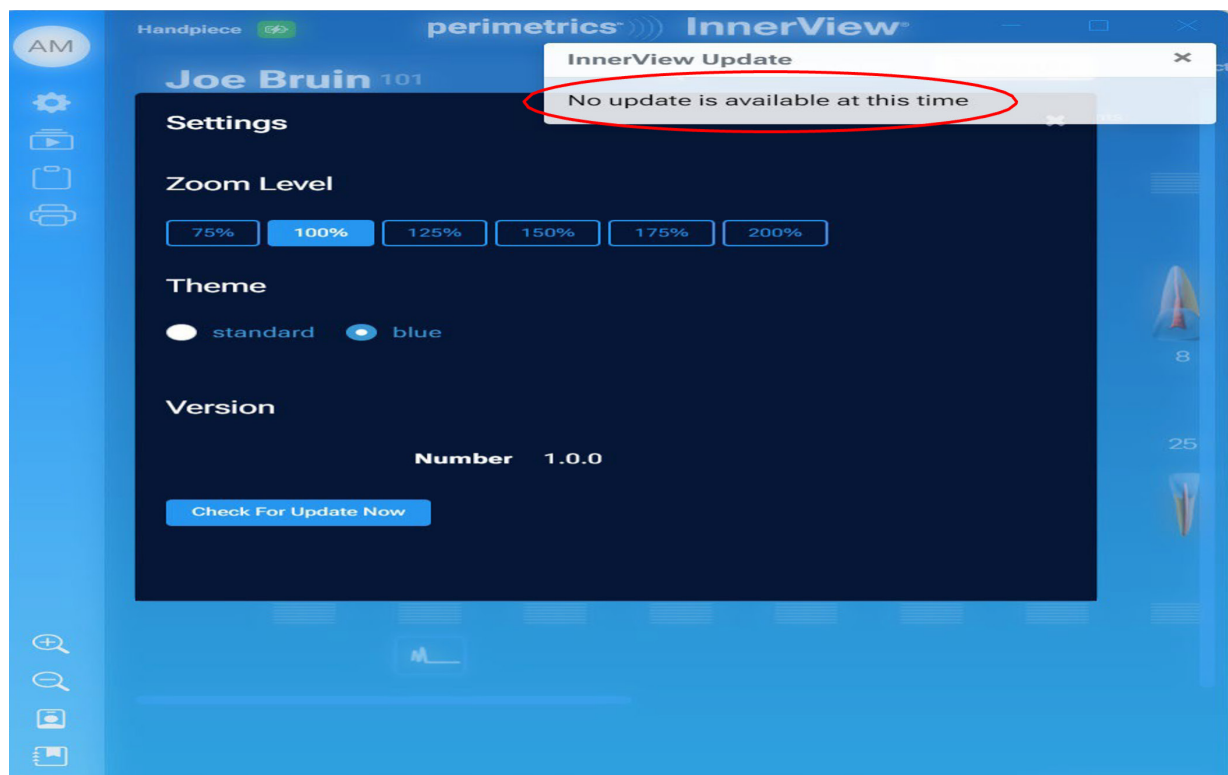


Figure 38: "No Update Available"

12. Handpiece and Base Station Firmware Upgrades

When a base station is first connected to the user's PC and the InnerView® application is displayed, or when the app is started up and a base station is connected, the app automatically checks for any available firmware upgrades for the base station or handpiece firmware. If updates are available for either, the app will automatically display a "Firmware" window, where either handpiece firmware or base station firmware can be viewed. Clicking the "Upgrade" button next to an available firmware version will initiate a firmware upgrade to that version, after which the "Firmware upgrade progress" bar will display the progress of the update. (Figure 39).

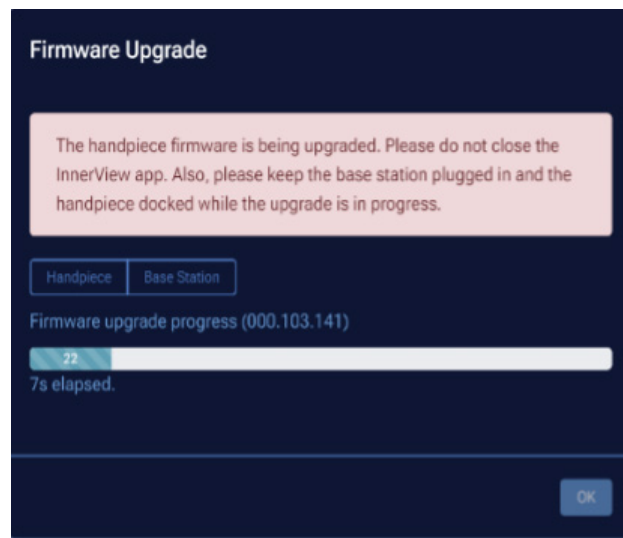


Figure 39: Firmware Update

13. Handpiece Positioning

The measurements should be taken with the patient sitting upright.

1. Position the handpiece with the attached tip horizontally to the center of the facial surface of the tooth or restored implant (*Figure 40a*). The handpiece LED light will illuminate green when the correct position is achieved, indicating that the handpiece is ready to use.
2. The tab of the disposable tip should rest on the occlusal surface of the tooth or implant.
3. Press the disposable tip against the buccal surface of the test site. The handpiece will continually beep if too much pressure is applied. Once the pressure is released, the beep will stop.
4. There is no On/Off button on the handpiece. The handpiece will automatically trigger tapping when light pressure is applied against the tooth or implant.
5. During the measurement, there should be no contact between the maxillary and mandibular teeth. Instruct the patient to open their mouth to facilitate measurements.

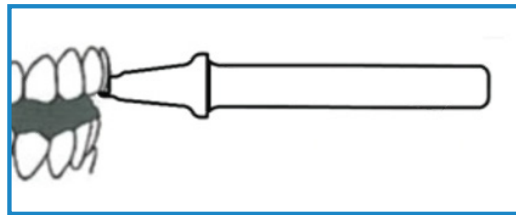


Figure 40a: **Correct** inclination of the Handpiece and Tip tab

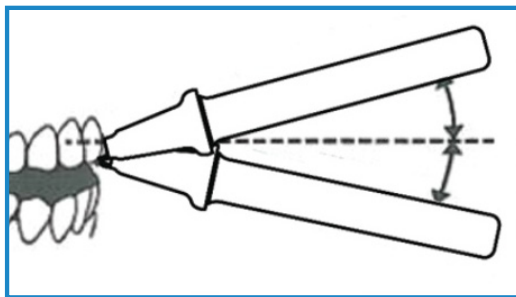


Figure 40b: **Incorrect** positioning of the Handpiece

Make sure to properly align the handpiece and position it in on the tooth to ensure seamless operation.

14. Taking Measurements

14.1 Upper (Maxillary) Posterior Area

To access the buccal of the left maxillary posterior teeth/implants, tilt the patient's head towards the patient's right shoulder. Reverse the process for the right side. (Figure 41).

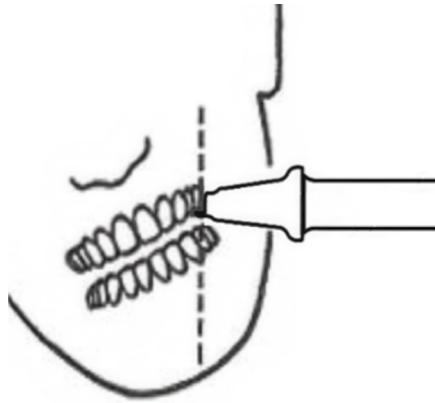


Figure 41: Maxillary Posterior area

14.2 Upper (Maxillary) Anterior Area

Instruct the patient to tilt their head slightly towards their chest to achieve a buccal surface perpendicular to the handpiece position. (Figure 42).

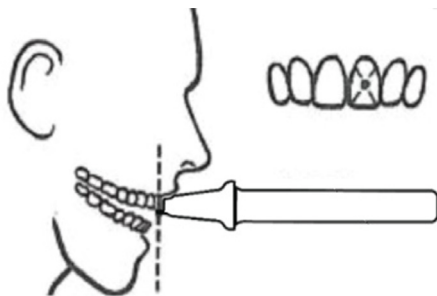


Figure 42: Maxillary Anterior area

14.3 Lower (Mandibular) Posterior Area

To access the buccal of left mandibular posterior teeth/implants, tilt the patient's head towards their left shoulder. Reverse this process for the right side (*Figure 43*).

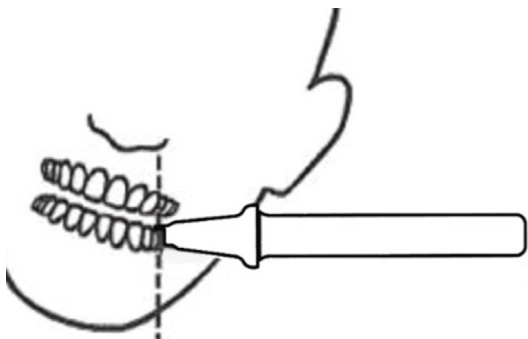


Figure 43: Mandibular Posterior area

14.4 Lower (Mandibular) Anterior Area

Instruct the patient to tilt their head backwards to help align the labial surface of their lower teeth/implants perpendicular to the level of the handpiece position. Rotate the handpiece clockwise by 180° to seat the tab of the tip and activate the handpiece when moving from the upper to the lower jaw. (*Figure 44*).

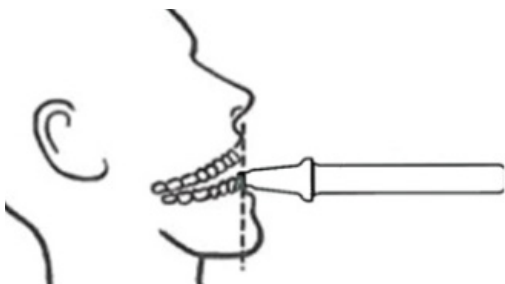


Figure 44: Mandibular Anterior area

14.5 Unrestored Implants

Testing of newly placed or uncovered but not yet restored implant.

Note: No additional attachments are required to test an unrestored implant using the InnerView® System.

1. Choose a healing cap, an impression abutment, or a custom /solid standard abutment of the implant with a flat surface that provides enough height for the tip to be securely placed.
2. Position the tip tab on the occlusal surface of the abutment and the face of the tip against the buccal surface of the abutment (*Figure 45*). The handpiece will automatically trigger tapping when lightly pressed against the abutment.



Figure 45: Examples of Abutments/Healing Cap Testing

15. Transport and Storage

The InnerView® System should be stored in a cool and dry place when not in use.

Recommended environmental conditions for storage and transportation are as follows:

Temperature	15 to 30 °C (59 to 86 °F)
Relative Humidity	20 to 90 %
Atmospheric pressure	50 to 100kPa (500 – 1000hPa)

16. Maintenance

After using the device, make sure to keep it clean for the next use. A standard disinfectant such as Cavicide or CaviWipes can be used to wipe down the device when not in use for an extended period.

Always follow the cleaning and disinfection protocols outlined in Section 9 before each clinical use.

The InnerView® System should be inspected daily for any signs of damage. **Do not use the handpiece** if any sign of damage or corrosion on the tapping rod, is noticed as it may cause system malfunctioning and result in incorrect measurements.

For maintenance or repair, contact Perimetrics' Customer Service.

17. Warranty

Perimetrics warrants the device to be free from defects in materials and workmanship for a period of 1 year from the date of purchase.

Perimetrics assumes no liability whatsoever when:

- Work or repairs of the device are performed by unauthorized personnel.
- The InnerView® System is used for applications and not in accordance with the procedures described in this manual.

18. Troubleshooting

If a problem occurs with your InnerView® System, please refer to the guide below. If the problem persists, contact Perimetrics' customer service at **1(888) 325-7218**.

Problem	Cause	Solution
Base Station		
Base LED's do not light up	No power to base	Ensure USB is plugged into the computer and the computer is on
Base LED's turned off while plugged into computer	Computer went to sleep or is turned off	Check to see if computer is plugged into a working outlet and turned on
Cleaning button does not activate handpiece rod	Handpiece is not paired	Place handpiece back into the base and wait for the green LED's to flash. Remove handpiece and push the clean button
Handpiece does not charge	Handpiece is not seated properly	Visually inspect the pins on the handpiece to ensure no debris is present. Remove handpiece and replace it back in the base.
		If the LED are still light blue, check to see that pins in handpiece are extruding from handpiece.
		Clean both the handpiece pins and the base pin pad with an alcohol swab.
Base LED's stay light blue	Handpiece does not have a good connection with the base	Visually inspect the pins on the handpiece to ensure no debris is present. Remove handpiece and replace it back in the base.
		If the LEDs are still light blue, check to see that pins in handpiece are extruding from handpiece.
		Clean both the handpiece pins and the base pin pad with an alcohol swab.
Base LED's do not blink green when placing handpiece in the base	Handpiece is not pairing to the base	Cycle the handpiece by pressing the button on the handpiece until you hear a beep. Replace handpiece in base.
		If the handpiece still does not pair, follow steps above.
Base LED's are not dark blue when a handpiece is sitting in the base	Handpiece is not charging	Pull the handpiece and replace it in the base and make sure the LED's blink green then turn dark blue.
		If that does not work, follow steps for handpiece not pairing.

Problem	Cause	Solution
Handpiece		
No LED when placing a tip on the handpiece	Tip is not recognized by the handpiece as a valid tip.	Cycle the handpiece, place in base to pair until green LED's flash and then re-apply tip.
Handpiece does not tap	Handpiece lost connection	Wait for the system to re-connect. If it does not re-connect, cycle handpiece remove tip, place handpiece back in the base to pair, wait for green LED's on base to flash, remove handpiece and replace tip.
Battery becomes exhausted quickly	Handpiece may not have been charging or battery near end-of-life	Charge handpiece up to 4 hours; if the battery indicator is green and still gets exhausted quickly, contact customer service.
Software		
App can't be found on the computer	Software may have been removed from computer	Type "InnerView" in the computer search bar. If still not available, contact customer service for a link to download the app.
App does not open	Old App	Contact customer service to have the latest link sent to you to download a new version of the app
App won't accept my tenant ID	Wrong Tenant ID or value	Identify the correct tenant ID and insert the tenant ID followed by -practice. For example: smith-practice
My ID and Password don't work	Incorrect ID or password entered	Double check ID and password. If it still does not work, contact customer service to have password re-set
Unable to find a patient in the patient search	Patient search information does not match original information	Ensure patient name is entered correctly. If it is still not available search by last name only. Still not available search by first name only. Still not available search by DOB.
Unable to see results from a previous test	Appointment is not open	Go to "All Appointments" and click on "Open This Appointment" corresponding to the appointment date you want.
Unable to get the testing screen to appear	In an ended appointment	If you are in the patient account, click "All Patients" and then "Tooth Chart" and then "Measure" to set up test.
The system is stuck on "Remove handpiece from base" in the main screen	System is not paired	Place handpiece back into base until the green LED's on the base blink.
Can't get the testing screen to work	In an ended appointment	Click on "Back to patients" to set up a new appointment.
System stops working during testing	System lost connection	Cycle the handpiece, remove the tip and barrier sleeve and place it in the base station until the green base LED's blink.

19. Returns

The InnerView® System must always be disinfected before returning. Please contact your Perimetrics Sales Representative to obtain a Returned Materials Authorization (RMA) and specific details for return shipment of the device at:

Perimetrics, Inc.
2961 MacArthur Blvd, Ste 121
Santa Ana, CA 92704
Tel. 1 (888) 325-7218

20. Disposal

The InnerView® handpiece is equipped with a Lithium-polymer battery and must be properly disposed of. Any disposal of this product must comply with the relevant local and national regulations.

21. Accessories/Spare Parts

Part Number	Description
INV-1000	InnerView® Handpiece
INV-2000	InnerView® Base Station
INV-3000	InnerView® Smart Tips, 24 pk
N/A	A88007- Dentsply Sirona Disposa-Shield® Order directly from the manufacturer or distributor

22. Electromagnetic Emission

IEC60601-1-2 Ed.4 testing has verified that electromagnetic interference stimulus has no effect to both safety critical functionality and essential performance of the InnerView® System. This includes the energy return graphs (ERGs) that it generates.

InnerView® System essential performance consists of a graph of energy return curves displayed for each series of percussions per site that indicates the damping effect of mobility for determining the oral health of the patient.

If abnormal performance is observed, such as degradation of essential performance in the form of perturbation of ERGs, additional measures may be necessary, such as re-orienting or relocating the device. Suggested actions according to Table 3: RF immunity of non-life-support equipment or system IEC 60601-1-2 Ed.4.

The InnerView® System is suitable for use in the electromagnetic environment specified below in Table 1, Table 2, and Table 3. The customer or user of the InnerView® System should ensure that the device is used in such an environment.

Emission Measurement	Conformity	Electromagnetic Environment Guidelines
RF emissions according to CISPR 11	Group 1	InnerView® System uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions according to CISPR 11	Class A	InnerView® System is suitable for use in its intended environment [professional healthcare (dental) facility] other than domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.
Harmonics according to IEC 61000-3-2	Class A	
Voltage fluctuations/Flicker according to IEC 61000-3-3	Complies	

Table 1: Electromagnetic emissions IEC 60601-1-2 Ed.4

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment – Guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 8 kV contact ± 15 kV air	± 8 kV contact ± 2, 4, 8, 15 kV air	Professional healthcare (dental) facility
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	30 A/m	30 A/m 60 Hz	Professional healthcare (dental) facility
NOTE UT is the a.c. mains voltage prior to application of the test level.			

Table 2: Electromagnetic immunity IEC 60601-1-2 Ed.4

Immunity Test	IEC 60601 Test Level	Compliance Level	Electromagnetic Environment – Guidance
Conducted RF IEC 61000-4-6	3 V _{rms} 150 kHz to 80 MHz	3 V _{rms} 0.15 – 80 MHz 6 v _{rms} in ISM bands between 0.15 MHz and 80 MHz 80 % AM at 1 kHz	Professional healthcare (dental) facility
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2.5 GHz Immunity to proximity fields from RF wireless communication equipment, levels according to 60601-1-2 Ed.4 Table 9.	3 V/m 80 MHz – 2.7 GHz 80 % AM at 1 kHz	Professional healthcare (dental) facility

Table 3: RF immunity of non-life-support equipment or system IEC 60601-1-2 Ed.4

23. Common Electromagnetic Emitters

CAUTION: The InnerView® System may experience temporary disruption or performance degradation when exposed to electromagnetic (EM) emitters such as radiofrequency identification (RFID) readers, electronic article surveillance, near-field communication systems, cellular 5G transmitters, wireless power transfer systems, MRI equipment, diathermy, or electrosurgical (electrocautery) units.

Such interference does not pose a safety risk or harm to the patient or user, and normal operation will resume once the source of interference is removed or reduced. Avoid operating the device in close proximity to these potential sources of electromagnetic disturbance whenever possible

24. Working Clearances

The InnerView® System is intended for operation in an electromagnetic environment where radiated RF disturbances are uncontrolled. The device only uses a BLE radio where the typical values of the equivalent radiated power are less than 10dBm and the use environment is specified as a professional healthcare (dental) facility.

Maintain a minimum distance of 30 cm (12 in) between the System and any portable or mobile RF communication devices (transmitters) to help prevent electromagnetic interference. Failure to maintain this distance may result in degraded device performance.

Note: These guidelines may not be applicable in all cases. The propagation of the electromagnetic waves is influenced by their absorption and reflection by buildings, objects, and persons.

Interference may occur in the vicinity of equipment marked with the following symbol: 

WARNING! The use of other cables and accessories, other than those specified and provided by Perimetrics may negatively affect EMC performance of the InnerView® System.

WARNING! The InnerView® System should not be used adjacent to or stacked with other equipment. If adjacent or stacked use is necessary, the device should be observed to verify normal operation.

The InnerView® System utilizes MiWi wireless technology based on IEEE 802.15.4 standard on the 2.4 GHz ISM band. The wireless function is secured by application-level encryption.

25. Wireless Equipment Statement

This statement applies to the wireless portion of the device.

FCC Compliance Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation. Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC SAR Statement

This device has been evaluated for radiofrequency (RF) electromagnetic exposure requirements. The device can be used in portable exposure conditions without distance restriction and complies with applicable safety standards for radiofrequency radiation.

Manufacturer:



Perimetrics, Inc

Corporate Office:

8561 154th Ave NE, Bldg J-260

Redmond, WA 98052 USA

Manufacturing /Shipping Facility:

2961 W. MacArthur Blvd, Ste 121

Santa Ana, CA 92704 USA

Tel: 888-325-7218

Innerview.ai

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