

# Using TDO with the GentleWave Procedure

805 [TDO KB](#) February 24, 2026 [Gentlewave](#), [New User resources](#) 7.45K

## Overview

How to chart a Gentlewave procedure in TDO.

**Note:** For instructions on setting up your GentleWave to communicate with your TDO software, see [this article](#).

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## Detailed Instructions

How to accomplish this task:

First, select a patient and tooth. Perform your testing, enter the results (specifically the Pulpal Diagnosis) in Multi Tooth, and then Download this information to the Case Presentation.

Multi-Tooth Testing for: 1 Test

| All Vital                                   | Group Name:                                   |
|---------------------------------------------|-----------------------------------------------|
| <b>Auto Fill Tooth info:</b>                | <input checked="" type="checkbox"/> Prior RCT |
| <b>Chief Complaint:</b>                     | None                                          |
| <b>Tooth #:</b>                             | 1                                             |
| <b>Palpation:</b>                           | WNL                                           |
| <b>Percussion:</b>                          | WNL                                           |
| <b>Mobility:</b>                            | 1                                             |
| <b>Bite:</b>                                | WNL                                           |
| <b>Chewing:</b>                             | WNL                                           |
| <b>Air:</b>                                 | No response                                   |
| <b>Cold:</b>                                | No Response                                   |
| <b>Hot:</b>                                 | Not Taken                                     |
| <b>EPT:</b>                                 | Not Taken                                     |
| <b>Sinus Tract:</b>                         | No                                            |
| <b>Occlusal Trauma:</b>                     | No                                            |
| <b>Fracture:</b>                            | Not detected                                  |
| <b>Pulpal Diag:</b>                         | Prior RCT                                     |
| <b>Periapical Diag:</b>                     | NAI                                           |
| <b>Endo Prognosis:</b>                      | Excellent                                     |
| <b>Perio Prognosis:</b>                     | Excellent                                     |
| <b>Restorative Prognosis:</b>               | Excellent                                     |
| <b>Recommended Tx:</b>                      | None                                          |
| <b>Alter Recommended Tx:</b>                | Eval Later                                    |
| <b>3rd Recommended Tx:</b>                  | Eval if Symptor                               |
| <b>Treatment Order:</b>                     |                                               |
| <b>Est # of Visits:</b>                     | 0                                             |
| <b>Date:</b>                                | 3/26/2020                                     |
| <b>Send report:</b>                         |                                               |
| <input type="checkbox"/> Small              | <input type="checkbox"/> Caries               |
| <input type="checkbox"/> Large              | <input type="checkbox"/> P                    |
| <input type="checkbox"/> No picture         | <input type="checkbox"/> M                    |
| Date Sent: <input type="text"/>             | <input type="checkbox"/> D                    |
| Assistant: <input type="text"/>             | <input type="checkbox"/> B                    |
| Completed: <input type="text"/>             | <input type="checkbox"/> L                    |
| <input type="button" value="Download All"/> | <input type="checkbox"/> O                    |
|                                             | <input type="checkbox"/> Circum.              |
|                                             | <input type="checkbox"/> M                    |
|                                             | <input type="checkbox"/> MB                   |
|                                             | <input type="checkbox"/> B                    |
|                                             | <input type="checkbox"/> DB                   |
|                                             | <input type="checkbox"/> L                    |
|                                             | <input type="checkbox"/> ML                   |
|                                             | <input type="checkbox"/> D                    |
|                                             | <input type="checkbox"/> DL                   |
|                                             | <input type="checkbox"/> Def                  |

Case Presentation Treatment Final Report Notes to Front

Testing

Tooth Number: 1

Pulpal Diagnosis: Prior RCT

Periapical Diagnosis: NAT

Rec Treatment: None

Endo Prognosis: Excellent

Perio Prognosis: Excellent

Restorative Prognosis: Excellent

Fee: \$0.00

Estimated # Visits: 0

To Be Completed By:

Estimated Completion Date:

Referral Request:

Existing Restoration:

Requested Coronal Endo:

Requested Coronal Endo Other:

Treatment Order:

Medical History Signed and Reviewed: ☐ 2/7/2018

Pain History Signed and Reviewed: ☐ 2/9/2018

Informed Consent Signed and Reviewed: ☐

Pre-Medications Verified: ☐

Pulse and BP taken: ☐

Perio Probing taken: ☐

Case Presented: ☐

Case Choice: ☐

☐ No Procedure

NOTE: Non-standard tooth numbers or using Quadrants are not recommended for GentleWave Procedures. If they are selected, the tooth type will NOT be automatically selected in the GentleWave Console, and the user will have to manually select the procedure type.

Now open the Treatment tab, check the GentleWave Procedure box, and click Start to open the GentleWave Procedure Progress window.

Case Presentation Treatment Final Report Notes to Front Letters Prescriptions Recall Notes Surgical Diagnosis Surgical Treatment Eval

Comp. date: Irrigation Protocol Anesthesia Complete Group

Assistant: Instrument Protocol Occlusion Reduction

☐ Email Interim Report Total Irrigant Vol. Used ☐ Fractures XRay Data

Cases filter: ☐ All ☐ Group ☒ Tooth ☐ Pick

| # | *   | * | * | Pulp Status | EWL | Reference | AWL | Apical Curvat. | FFB | MAF | GPS | Sealer | Fill | MO | IAM | Coronal Endo |
|---|-----|---|---|-------------|-----|-----------|-----|----------------|-----|-----|-----|--------|------|----|-----|--------------|
| 1 | MB  |   |   |             |     |           |     |                |     |     |     |        |      |    |     |              |
| 1 | MB2 |   |   |             |     |           |     |                |     |     |     |        |      |    |     |              |
| 1 | DB  |   |   |             |     |           |     |                |     |     |     |        |      |    |     |              |
| 1 | L/P |   |   |             |     |           |     |                |     |     |     |        |      |    |     |              |
| * |     |   |   |             |     |           |     |                |     |     |     |        |      |    |     |              |

Records: 14 1 of 4 No Filter Search

Bleeding: Intra-Operative Pain: Existing Restoration: Requested Coronal Endo: Comp. treatment by date: Coronal Endodontics Preferences

☐ Send Interim Report Date Sent: Follow in: Date: ☐ GentleWave Procedure Device Name: GentleWave De Start Status: Log

Perforation Clamp: Pretreatment: None Bite Block: ☐ Required additional anesthesia ☐ Was not a single visit treatment ☐ Had NaOCl event

☒ GentleWave® Procedure

Device Name:  Status:

The GentleWave Procedure Progress window will display the Device Name, Tooth, Treatment protocol, start time, and current status of the procedure. The treatment protocol is automatically populated based on the Pulpal Diagnosis on the Case Presentation page.

GentleWave Procedure Pr... — □ ×

### GentleWave® Procedure Progress

Device Name:

Tooth:

Treatment:

Started:

Status:

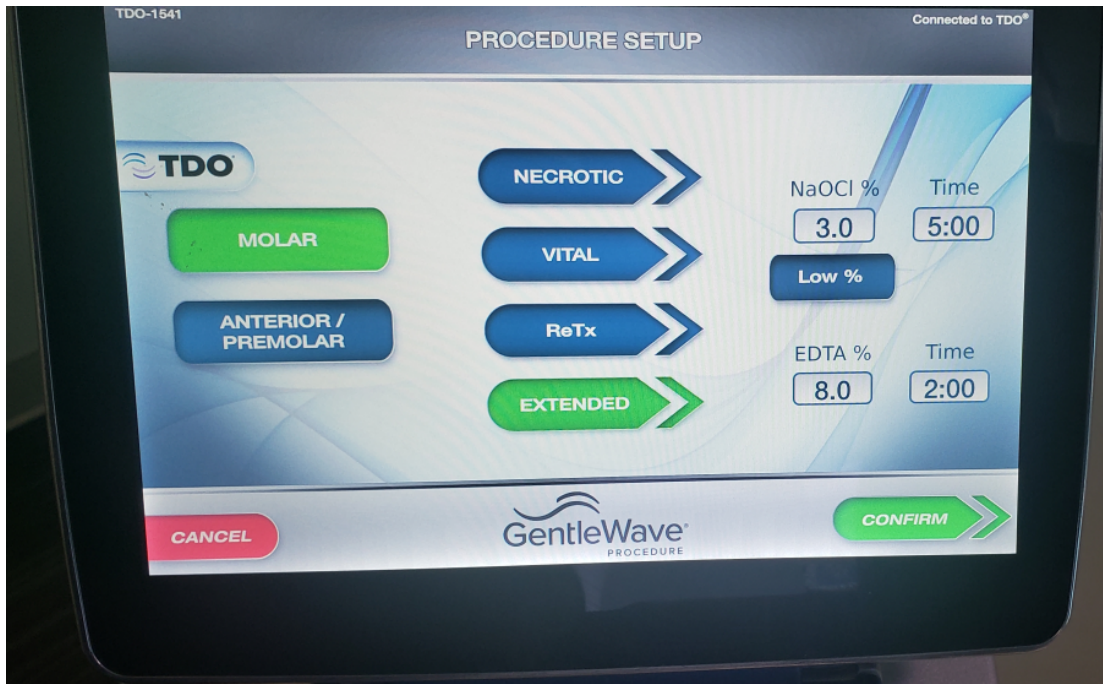
Current Phase:

Time:

Now you can begin the procedure on the GentleWave by clicking the 'Start' button from the main menu.



You should see the case information from TDO displayed on the GentleWave Console. If you don't see the information right away, click the 'TDO' button on the GentleWave console.



At this point, the Gentle Wave Procedure Progress Window should display "Status" as connected.

Once the procedure completes, the GentleWave Procedure Progress window will close automatically. You can then click the 'Log' button to access the Log of the procedure.

**Note:** NOTE: If the user changes the patient or tooth selected in TDO while the GentleWave procedure is still active, the GentleWave Procedure Progress Window in TDO will automatically be aborted. This will only affect TDO as the GentleWave Console will continue to function independently from TDO. However, no information will be logged back to TDO.

#### POSSIBLE PROGRESS WINDOW STATUSES:

##### TDO 12.285 - 12.320b

**a. Pending** - The GentleWave Console has not received any procedural information from TDO. Select 'Start' on the Console to begin processing.

**b. Processing** - The GentleWave Console has received data from TDO and is processing.

##### TDO 12.338+

**a. Waiting to Connect** - TDO is waiting for first contact from the GentleWave console. Click 'Start' on

the GentleWave console to begin selecting a procedure.

**b. Connected to Device** - TDO is processing input from the GentleWave console, but the procedure has not begun yet.

**c. Working** - The priming process has completed and the GentleWave procedure has begun. TDO is logging procedure information from the GentleWave console.

When the GentleWave Procedure has completed or is aborted, the progress window will automatically update and close on the TDO Treatment page.

The status will show the result of the GentleWave Procedure.

**a. Completed as suggested** - The procedure was completed without any changes.

**b. Completed with changes** - The procedure was completed with changes.

**c. Incomplete** - The procedure was not completed, there were complications, or the user aborted the procedure from the Console.

**d. User Aborted** - The user aborted the procedure through TDO or on the Console before activation or system priming.

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## Log Report

The Log Report provides all the GentleWave Procedure information for the treated tooth.

| Super Endo           |                              |                                 |                                                                                      |                |
|----------------------|------------------------------|---------------------------------|--------------------------------------------------------------------------------------|----------------|
| Patient:             | Leang, Danny                 | Tooth:                          | 6                                                                                    |                |
| Status:              | Completed with changes       | Procedure Instrument Suggested: | Anterior                                                                             |                |
| Tag ID:              | E 008012443055F99            | Procedure Instrument Used:      | APM                                                                                  |                |
| Lot Number:          | 00000000                     | Procedure Suggested:            | Lot                                                                                  |                |
| Start Time:          | 6/13/2018 3:35:03 PM         | Procedure Used:                 |  |                |
| End Time:            | 6/13/2018 3:45:16 PM         | Console:                        | Console - 1171                                                                       |                |
| User Login:          |                              | Treating Doctor:                | Tom                                                                                  |                |
| Event Time           | Event                        | Phase                           | Time Suggested                                                                       | Time Completed |
| 6/13/2018 3:19:51 PM | Screen saver activated       |                                 |                                                                                      |                |
| 6/13/2018 3:32:04 PM | Resuming from screen saver   |                                 |                                                                                      |                |
| 6/13/2018 3:35:51 PM | PAUSED - Foot pedal released |                                 |                                                                                      |                |
| 6/13/2018 3:37:32 PM | Procedure Detail             | NaOCl 2.9% 180ml                | 300                                                                                  | 300            |
| 6/13/2018 3:42:30 PM | Procedure Detail             | H2O                             | 30                                                                                   | 30             |
| 6/13/2018 3:43:01 PM | Procedure Detail             | EDTA 17.9% 70ml                 | 120                                                                                  | 120            |
| 6/13/2018 3:45:01 PM | Procedure Detail             | H2O                             | 15                                                                                   | 15             |

- **Tag ID** - Unique ID for the GentleWave Console
- **Lot Number** - Lot number of the Procedure Instrument used
- **Start Time** - Start time of GentleWave Procedure
- **End Time** - End time of GentleWave Procedure
- **Tooth** - Tooth number (or quadrant) selected
- **Procedure Instrument Suggested** - Procedure instrument suggested based on tooth selected. This is determined by the tooth selected under the Treatment Plan in TDO.
- **Procedure Instrument Used** - Procedure Instrument used for the GentleWave Procedure

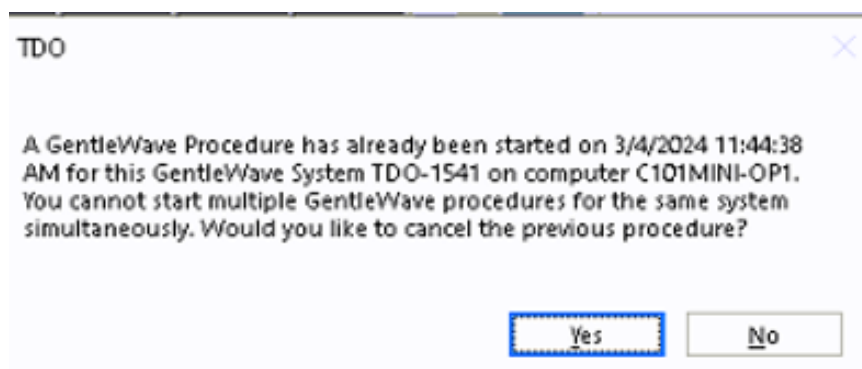
- **Procedure Suggested** - Pulpal Diagnosis selected under the Treatment Plan in TDO
- **Procedure Used** - Based on the Procedure selected (or changed) on the GentleWave Console.

EVENT LIST:

1. **Event Time** - Time of the event
2. **Event** - Description of a change, procedure (phase), or error
3. **Phase** - Phase of the GentleWave Procedure
4. **Time Suggested** - Depending on the Procedure type selected, suggested time for the phase of the procedure fluids to complete
5. **Time Completed** - Actual phase time completed

NOTE: When 'Time Completed' does not match the 'Time Suggested', the row will be highlighted in yellow.

**Note:** Starting multiple GW procedures using one GW at the same time is not allowed. There will be a pop-up message on the second computer if attempted.



Online URL: <https://kb.tdo4endo.com/article.php?id=805>