



# Instructions for Fitment of Custom IPD

1. With the IPD removed from all packaging align the RadTec logo on the pull tab facing up.
2. Instruct the patient that they will find two sets of positive engagement points on the upper and lower arches of the device. Their teeth should “fit nicely into these.” This is the position that they should place the device every time they use it.
3. Now have the patient insert the IPD into their mouth and set their teeth into the recessed portions. Have them practice this a number of times and get comfortable finding this “locked” position.
4. Once they are comfortable doing this, recline them to as flat of a position as possible. (The treatment position is typically lying flat on their back on the table, try to recreate this as best possible)
5. While the device is in it may be difficult to swallow. This will be the case mainly with vertical depressing stents and will be a given. We are looking to make sure the IPD is not causing gagging or choking at the length provided. If it is causing immediate gagging shorten the tongue stent until the problem no longer persists.
6. Give them the instructions:
  1. It is easiest to breath through their nose
  2. Swallowing will be “awkward” but should be possible (we are looking to add a saliva evacuator in the future which should help alleviate this issue)
  3. We are looking to achieve the maximum protection while maintaining a position that does not cause excessive discomfort (this will vary from patient to patient and is to be treated at the discretion of the fitment specialist)
7. Have the patient place the device in their mouth while in the reclined “treatment” position
  1. Hold this position for a few minutes (3-5minutes should be sufficient)
  2. Monitor their behavior (looks for obvious signs of discomfort, gagging, etc. This will alert you that further shortening or modifications are necessary)
8. Once complete ask them if this is a position that they can hold for 15-30 minutes (the longest they will have this in their mouth is during the simulation or planning portion of the treatment. This is the time where the mask is fitted and the treatment positioning is set. Typically this takes about 30minutes in total. Most subsequent treatment sessions are only 10-15minutes in length. \*This may vary at different facilities and with different technicians)
9. Once it is determined that the device is compliant, on both fitment and the patients comfort level, note and take pictures if possible of any modifications that have been made. Then send these notes to RadTec either via mail or email to [Support@radtecmed.com](mailto:Support@radtecmed.com)
10. Place the final device into the provided travel case and have the patient take it with them. They may practice wearing the device at home just make sure they know to bring it with them to the planning and simulation.

## Key Notes:

\*Swallowing most likely will be obstructed, this is to be expected.

\*The primary concern is that the device does not cause choking or gagging.

\*Breathing through the nose will alleviate some of this discomfort

\*Each IPD is designed for the patient and is intended to maximize positioning and shielding. They are not designed to be the most comfortable, rather we have to blend comfort and efficacy

\*Clearly letting the patient know that these devices may cause slight discomfort helps ease their fears and uncertainties while first trying the IPD. (It is not normal to have such a device in ones mouth, do your best to put the patient at ease with this)