

Sheet A

1st Ring

1st Rings

The Age of Irrigation



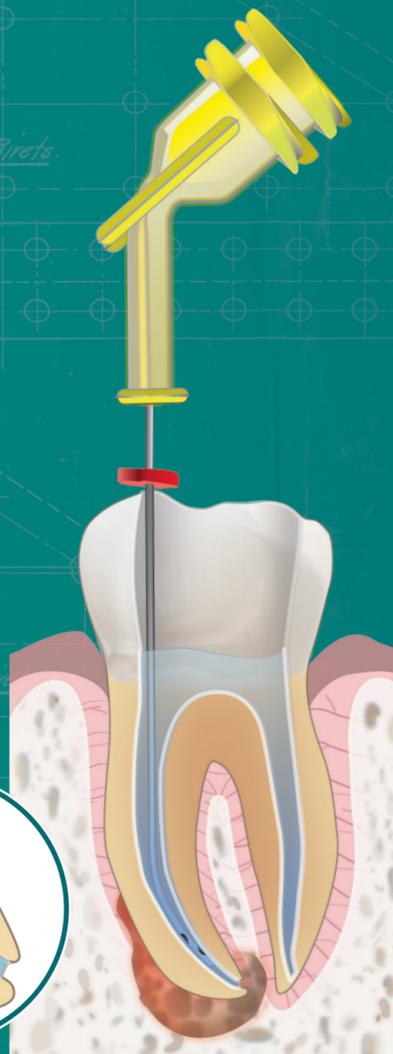
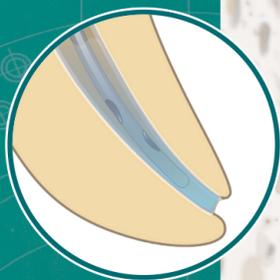
After instrumentation is completed in an infected root canal, bacteria will be present. It is important to thoroughly irrigate the canal in order to clean and disinfect where instruments simply can't reach. But for effective antibacterial and cleansing action to occur, irrigants need to be expressed where they are needed while avoiding the areas where they may be harmful. NaviTip tips are your best answer.



The basic concept of irrigation in endodontics is to get the smallest cannula down close to the apex, but shy of the foramen, and to irrigate from the bottom up. It is imperative to start from the bottom to prohibit trapping air in the canal –

it is very difficult to displace an air bubble when you're filling the canal from the top down. However, the deeper the canal, the more difficult it is to get the tip of the cannula down to the apical region of the tooth. NaviTip tips are specifically designed to ensure that the tip of any cannula can easily reach the apical region of any tooth.

Pulp chamber and root canal cleaned and shaped



- NaviTip® 29ga or 30ga Tip**
- Controlled delivery anywhere in the canal
 - Flexible cannula easily navigates curved canals



- NaviTip® 31ga Double Sideport Irrigator Tip**
- The small cannula navigates the most intricate canals
 - Double sideports horizontally express irrigant toward the canal walls, not the apex



- NaviTip® 30ga FX® Tip**
- Brush tip scrubs, cleans, and irrigates simultaneously
 - Flexible cannula easily navigates curved canals

NaviTip® Tips

	20pk		50pk	
	29ga	30ga	29ga	30ga
17mm, White	5112	1249	1378	1421
21mm, Yellow	5113	1349	1374	1422
25mm, Blue	5114	1250	1376	1423
27mm, Green	5115	1354	1377	1424
Assorted	5116	1351	1379	3319

NaviTip® Double Sideport Irrigator Tips

	20pk	50pk
21mm, Yellow	5121	5122
27mm, Green	5123	5124

NaviTip® FX® Tips

	20pk
17mm, White	1452
25mm, Blue	1454

Ultradent Canal Preparation Agents

Designed to work with your technique

These Ultradent agents are designed to work with any endodontic protocol, saving you time and money:

Citric Acid 20% (slightly viscous, 20% citric acid), EDTA 18% (liquid, 18% EDTA), File-Eze® (gel, 19% EDTA), UltraCal® XS (30-35% calcium hydroxide paste) and EndoREZ® (hydrophilic, methacrylate-based canal sealer).



	30ml		30ml		4x 1.2ml		5ml
Citric Acid 20%	#329	EDTA 18%	#162	UltraCal® XS	#606	EndoREZ®	#5900
		File-Eze®	#682				

UPP 605-EU 11-2015

simplifying



endodontics

NaviTip® Tips

ACCURATE DELIVERY



NaviTip® Tips



NaviTip® Double Sideport Irrigator Tips



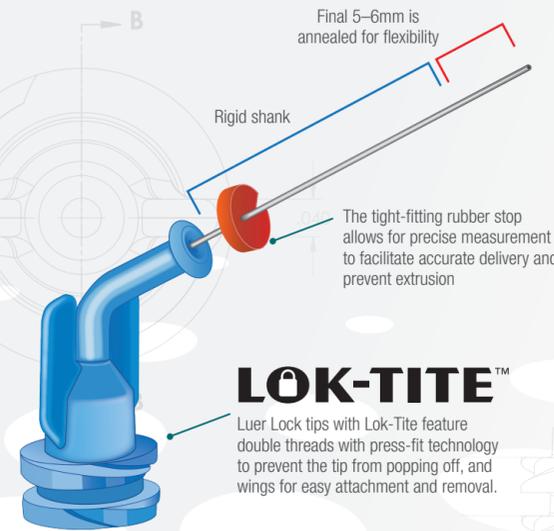
NaviTip® FX® Tips



NaviTip® Tips



When in the canal, irrigants can usually only progress about 1mm past the delivery tip. In order to get irrigants where they are needed, the tip must be able to reach deep into the canal. Ultradent's NaviTip® tips are the optimal delivery tips for every step in a root canal procedure. Root canals can have curves with sharp turns that make navigating a cannula to the apical region difficult. Unlike traditional irrigation tips, the cannula of each NaviTip® is slightly rigid through the base and center, but flexible at the tip to allow it to bend and snake through each canal. The end of each NaviTip® tip is smoothed and rounded to allow the tip to slide past corners rather than scraping and potentially ledging as they proceed through the canal. This gives precise, controlled delivery of any irrigant, intracanal medication, and sealer to exactly where it is needed.

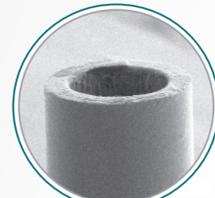


LOK-TITE™

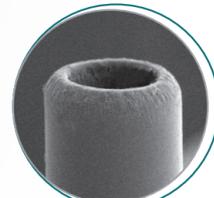
Luer Lock tips with Lok-Tite feature double threads with press-fit technology to prevent the tip from popping off, and wings for easy attachment and removal.

FLEX TIP TECHNOLOGY

Treated for Flexibility



Regular tip

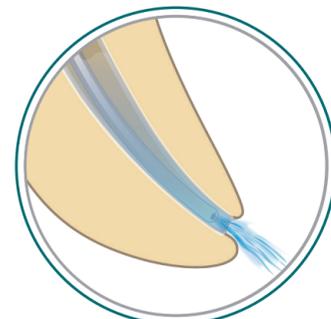


NaviTip® rounded tip

NaviTip® Sideport Tips



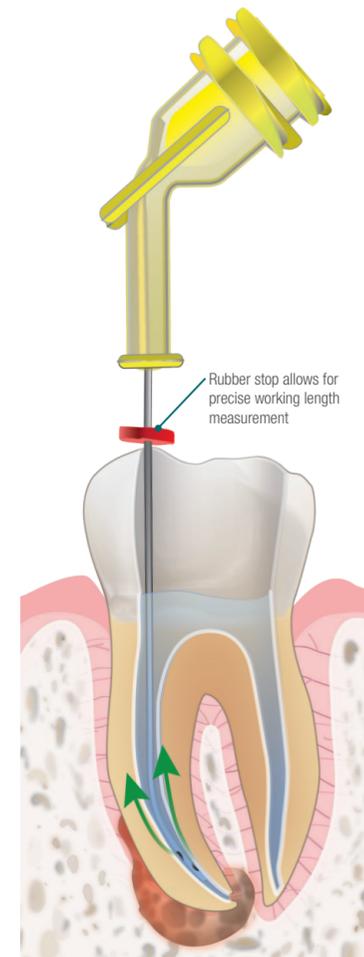
Pressure can be created when expressing irrigants into the canal; this can cause large volumes of the irrigant to break through to the apical tissues, which can damage the healthy tissue. The NaviTip® Sideport tip is designed to minimize the risk of potentially harmful chemicals being expressed past the apex. Irrigants are delivered through non-clogging dual sideports, which are offset from each other vertically as well as laterally. The tip of the cannula features a flexible end that is capped and rounded for safety in the apical third. With dentistry's thinnest cannula, the NaviTip® Sideport 31ga tip can easily navigate even the most intricate canal spaces.



Irrigant extrusion, or expression beyond the apex



Result of extrusion



NaviTip® Sideport tips minimize the risk of irrigant extrusion by expressing irrigants toward the canal walls in low-pressure streams

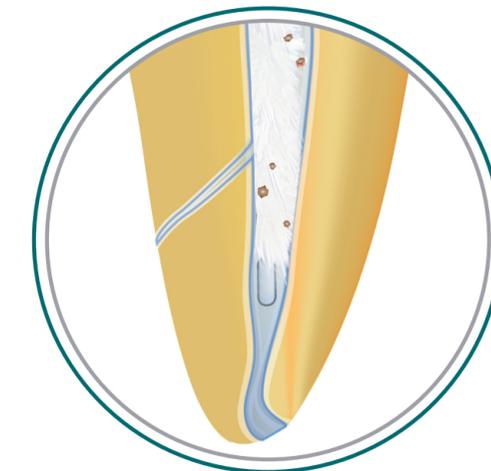


Scan to watch a short video showing NaviTip's sideport delivery in action

NaviTip® FX® Tips



The NaviTip® FX® brush is designed to clean, scrub, and irrigate the canal simultaneously. The tip is able to reach the apical third and deliver the irrigant while the brush simultaneously scrubs the canal wall, dislodging debris. In conjunction with EDTA, the brush works to remove the smear layer, including smear plugs.



Brushing action enhances the chemical action of the irrigant for superior removal of the smear layer

