



24 CLINICAL EVALUATORS

984 TOTAL USES

96% CLINICAL RATING

Key features: Cordless hygiene handpiece • Cordless Bluetooth foot pedal • Light weight and quiet

Description

The **Infinity Hygiene Handpiece** is a cordless polishing handpiece with:

- Nose cones that work with any disposable prophyl angle
- A Bluetooth foot pedal
- Removable and autoclavable nose cones that comply with CDC guidelines
- A lightweight and balanced design
- 4x longer lasting battery life than other handpieces
- Quiet operation

Indication

- Cleaning and polishing of tooth surfaces

Unique Attributes

- This handpiece is truly lighter and more balanced than others on the market.
- The battery lasts all day, so it can easily sit on the counter without cords or chargers and just be charged at the end of the work day.
- The foot pedal is cordless and connects automatically. It feels like a seamless transition between using air-driven and cordless without the cord weight.



Clinical Tips

- Good for all hygiene clinical situations and it's nice to use with the splatter guard prophyl angles.
- Cordless handpieces are better with children - would strongly recommend in any pediatric practice.

"NICE SMOOTH POLISH AND IS QUIET."

Evaluators' Comments

"I really liked the foot pedal option, it gave me quicker control over the speed and stop of the polisher."

"The quiet motor doesn't startle kids or patients with sensory issues."

"I liked that I could use any brand of prophyl angle in this handpiece."

"Light weight and great battery life."

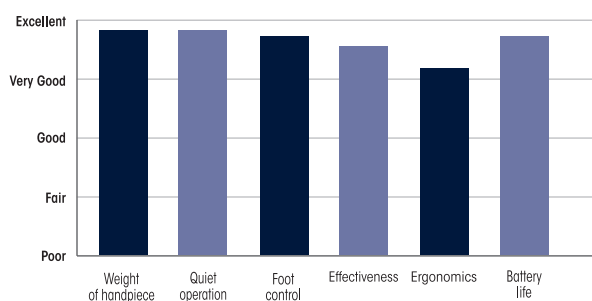
"I would like the addition of more powerful speeds."

"It is great and lightweight, I loved the varying speeds!"

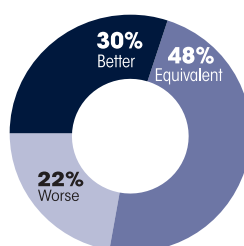
"Ease of use and has good control."

"Did not swivel very easily. I had to use two hands to swivel the head."

Evaluation Summary:



Compared to Competitive Products:



Consultants who would:

87% Recommend to a colleague

Consultants who would want to stock in their office:

17% Yes, instead of current product

44% Yes, in addition to current product

NOTE: Background information from the evaluation on this page *is provided for internal use* only and will not appear in the final report.

Young™ Infinity Cordless Hygiene Handpiece (Young™Innovations)

Most liked comments:

- More affordable than other brands
- The weight
- It's ability to remove heavy stain and its battery life throughout the day
- The weight
- It is cordless
- It is quiet
- It was heavy at first in my hand, but then when I polished with it, I liked the ergonomics of it!
- The ability to wipe down the handpiece with Cavicide was convenient. The fact that it fits with any cup is great.
- The weight and ease of use
- Ease of use
- The weight, it's performance and it's speeds
- The smoothness and the weight
- The foot pedal

Suggestions for improvement comments:

- Needs more power
- The ability to charge the handpiece and foot pedal at the same time
- It slightly needs better ergonomics for the universal grip
- Find a better fitting barrier sleeve
- It needs a self-charging cradle and no foot pedal
- Not sure of the battery longevity, but this is my concern as it was a problem for us with the **Dentsply** product.
- It needs more power
- It needs more power and please make it easier to remove the angle.
- Make it a more powerful handpiece
- It needs a smoother moving foot pedal
- Please remove the grips on the bottom of the foot pedal
- Make without the foot pedal
- Make it work better by increasing the power
- It needs better prophyl cups
- Not sure, everything seemed pretty easy
- The hand piece works great; however, the silver sleeve can be very difficult to remove.
- None, it was a great product!
- It is very comfortable
- It would be nice to charge the hand piece and pedal on one unit
- A slightly more powerful speed

Would you recommend the Infinity Hygiene Handpiece to a colleague?

- There is not enough power
- The foot pedal and the charging options are inconvenient
- It is not as powerful and whines when in use
- Not so effective or as powerful
- It is great and lightweight, I loved the varying speeds!
- The weight made it easy
- Ease of use and has good control
- Very lightweight and ergonomic, it does not frighten any of our patients. It is easier to move around the office.

Some of the additional least-liked comments:

- The ergonomics were a bit difficult as the handpiece felt small without a great grip.
- The barrier sleeve provided was not stable.
- It could only be used with light pressure.
- Lower power
- Quiet
- Not quite sure, too new to decided that yet
- I did not like the rubber grip on the bottom of the foot pedal. It made it hard to move it across our tile with my foot into a comfortable position. Also, it did not seem as powerful. I found myself wishing I would have used my older **Nupro Freedom** instead.
- Not as powerful
- Too many cords to keep around
- The prophyl angles
- The foot pedal and the need to charge both.
- I do not like the barrier shield they provided. It slips and moves around, even if it is "locked-in" by the nozzle (which I prefer to have covered). **NSK** has a barrier that fits snugly on their mobile handpiece and I prefer using it to this one.
- Having to charge it

What brand(s) of cordless hygiene handpieces do you normally use?	
Answer Choices	Responses
N/A	8
Infinity	1
Midwest RDH Freedom	3
NSK	2
Dentsply Sirona	2
Nupro Freedom	5
Freedom	1
iStar	2

How would you compare the Infinity Hygiene Handpiece to your normal hygiene handpiece?

- **NSK** does not have a foot pedal
- Not enough pressure while polishing
- It isn't as powerful
- Use a straight nose slow speed handpiece
- I feel like they are similar. I think it would come down to preference. Personally, I'd prefer this hand piece to the **Nupro**.
- **NSK** does not have a foot pedal
- I like being cord free
- I prefer the **Infinity Handpiece** with the foot pedal, but feel like the **iStar** has a more powerful speed option.

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Young™ Infinity Cordless Hygiene Handpiece (Young™ Innovations)

Why would you want to incorporate this hygiene handpiece in addition to and not instead of your current hygiene handpiece?

- If the handpiece were to malfunction or if all nose cones were in the autoclave, I would need a backup handpiece.
- They function about the same
- I like both models. They are great, especially for kids. Definitely should have one as a spare in the office.
- I already have a few working handpieces
- In some cases, it would be easier to operate, being that it is more ergonomically efficient.
- My current handpieces are sufficient
- I am just very familiar with the **Nupro Freedom Handpiece** and I am comfortable using that. I'm sure if I kept using the **Infinity**, I would feel the same, but it is too new to know.
- Do not have cordless
- Because I already have a hygiene handpiece that works and it's fairly new (last few years), I would like to continue using it, since I already own it. I do only have one hygiene handpiece and could benefit from a second one.
- I think some of the other hygienist would prefer the **Nupro Handpiece** to your handpiece.
- I love having a handpiece without a pedal. I like this option in case prophylaxis are done in OP, so we can move quickly and still have enough for hygiene rooms.

Are there any reasons you would not want to incorporate this hygiene handpiece into your office?

- No power
- I would incorporate it
- Not applicable, as we already are using this handpiece in our office.
- Like the fact that there is no tether
- It is inconvenient
- If you press too hard; the handpiece would slow down or stop.
- It is not as powerful and has a high-pitched whine when it is being used.
- Not so powerful and it is too slow. It is not a good stain remover.
- I would incorporate this handpiece
- I have no issues right now with the handpiece to not incorporate it
- I did not like the rubber grip on the bottom of the foot pedal. It made it hard to move it across our tile with my foot and I couldn't get into a comfortable position. Also, it did not seem as powerful. I found myself wishing I would have used my older **Nupro Freedom** instead.
- I prefer the handpiece that's more powerful and that twists.
- It is too weak
- I would incorporate
- I would consider after other handpieces fail
- I wouldn't, I would like to incorporate into the office I am employed at.
- We only have one OP and do not need more of these portable units. If we had multiple OPs and operators, I would definitely use this in addition to the **NSK**.
- The foot pedal and that it needs to charge

What clinical tips would you give a colleague on using the **Infinity Hygiene Handpiece**?

- None, it is easy to use
- None, this is a great working handpiece. I bought 2 and my hygienists haven't had any real issues with them.
- Use a different barrier sleeve
- No new tips
- Make sure to charge it overnight
- Class I prophylaxis polisher
- Use on light stain due to lower power
- Use for pedo and simple non staining cases
- Smoother moving foot pedal
- Pretty straight forward directions. Just make sure both handpiece and pedal are charged. Both keep charge for a long time it seems, which is great!
- Make sure to buy separate charger for the pedal. You can't charge them at the same time.
- It is easy to use
- Buy extra autoclavable sleeves
- Don't press too hard, the angles can't withstand any extra pressure and the break easily!
- Keep covered with plastic sleeve provided
- Rotates smoothly in your hand
- Make sure to plug it in completely, wait until it clicks.

Were there any clinical situations in which you felt the **Infinity Hygiene Handpiece** stood out or was especially helpful?

- If it had more power, it would be amazing
- Polishing lingual surfaces
- The tip of the device is nice and small to gain access to posterior teeth in patients that can't open well.
- None, the tethered hygiene handpieces are always great for pedo patients.
- In children and patients with lots of saliva.
- Heavy stain removal
- It was quiet
- I did like the feel in my hand when polishing!
- This hand piece is very comparable to the **Nupro Freedom**.
- Works good with patients with large tongues
- Nice and easy to move to other rooms
- No, I would use it for any polishing situation.
- Patients noticed it and liked it
- Not in the time I used it, but I would envision it being able to provide care for shut in people etc.

Final comments on the **Infinity Hygiene Handpiece**.

- Excellent handpiece
- If an option, I would consider purchasing the handpiece following the survey
- It is a great product
- My hygienist mentioned she felt it get hot once or twice. She thought this happened when the battery was low, but we weren't sure.