
Bidet Seat Attachments

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Outline

- Why use a bidet seat?
- Research (more needed!!)
- Types of bidets
- Use with bathroom equipment
- Case studies
- Cleaning
- Rehab engineering modifications



What is a bidet anyway?

Quick Release feature for easy cleaning allows you to remove the Bidet without removing the seat.



Potential benefits of a bidet seat

List of **potential** benefits

- DIGNITY: More independence/control/privacy
- Decreased skin irritation (wiping can irritate sensitive skin)
- More thorough cleaning
- Feminine cleaning option
- Decrease shoulder pain with reach
- Decrease time needed for toileting
- Fewer clogged toilets

Research: Very Limited!

- Toileting for people in nursing homes
- The use of bidets to reduce “anorectal pressures”
 - The use of bidet can be used to reduce anal resting pressure similar to a warm sitz bath

Only one on bidets and SCI population:

- Pilot study on enema function of a bidet using a camera to target “target area” in 20 SCI subjects
- Bowel movement was successfully induced using enema function in 15 of 20 patients

Types of bidet seats

Non-electric

- \$20 and up
- Control attached
- Turn knob to adjust spray intensity and water temp
- Cold water (mostly)
- Can hookup to warm water under sink
- Tricky to use with bathroom equipment and bariatric patients



Installation: non-electric



Electric

- \$200 and up
- Entire seat and lid
- Need power outlet
- Water heater tank
- No protruding control attachment



Decorate
Now

Push button remotes

- Adjust spray intensity
- Front/rear spray
- Wide spray
- Nozzle oscillation
- Enema function
- Dryer function



Installation:electric

Brondell Swash Installation: Four Easy Steps

1



Remove toilet seat & turn off water

2



Install mounting plate

3



Connect T-Valve & hoses

4



Attach the Swash & plug it in

Cord Covers



Portable Bidets

Battery Powered: Olympia Travel Bidet TB-300 \$40



Squeeze Bottle: Brondell GoSpa \$15



Other bidets

- So many options!
- Independence IV with electric wash
- \$1599 for lift plus \$649 for Brondell 1000 attached to lift seat
- All kind of accessories
- Liftseat4home.com



Using Bidet seats with bathroom equipment

Both: Electric/non-electric

- Change in spray target
 - Bidet with nozzle position adjustment

Electric:

- Occupancy sensor

Non-electric:

- Attached control panel blocking access
- Right side only
- Control panel hard to reach

Other bidet use skills

Drying

- Dryer may not be thorough enough
- Use mirror to check
- Use towel or paper to dry
 - Similar techniques to drying after shower
 - May need caregiver help

Check for thoroughness

- Learn what settings get the job done
- Spray positioning/alignment
- While drying pt may get insight on thoroughness

Remote control access

- Pressing buttons: stylus in cuff, mouthstick, knuckle, velcro to wall or lap tray or positioning wedge

Where to purchase/educational handouts

Many online vendors

Amazon.com

Bidetking.com

Costco

Woman uses a drinking fountain as a doggie bidet in NYC Central Park.



Bidet seat options

- Bidet type (electric/non-electric)
- Dryer
- Self cleaning
- Remote control
- Nozzle position adjustment
- Enema
- Warm water
- Occupancy sensor

Purchasing considerations

- Round or elongated/oval
- French curve/1 piece toilet: provide model # to bidetking
- All parts included (may need wrench/pliers)
- Extension cord
- Installation



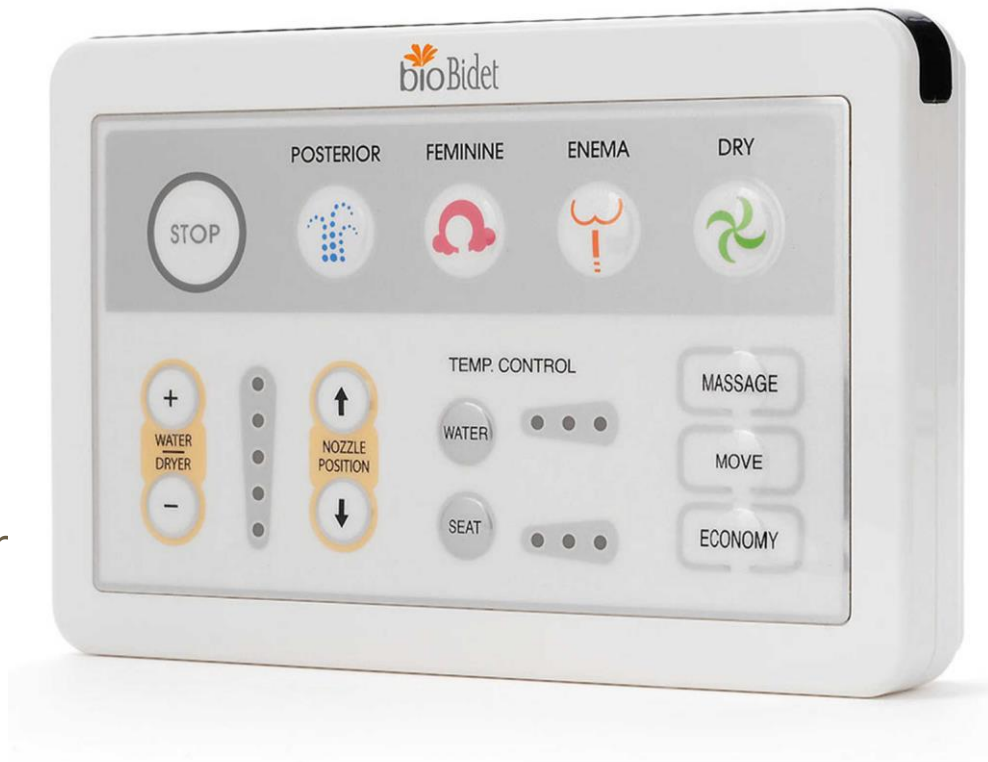
Bidets at Craig: Brondell Swash 1000

- Disable occupancy sensor
- Wide spray
- Nozzle position adjustment
- Dryer
- Front wash
- Sold online and at Costco
- Sterilize option



Bidets at Craig: BioBidet

- Larger buttons and remote
- Enema function
- Dryer
- Clear feedback on adjustments
- Cannot disable occupancy sensor
- Automatic nozzle sterilization
- Automatic deodorizer



Bidets at Craig: Brondell FreshSpa (\$40-\$60)

- Nonelectric
- Nozzle adjustment: manual
- Spray intensity
- Nozzle cleaning
- Cold water only
- \$59



Cleaning the bidet

No regular cleaning required for home use

Nozzles easily accessible, sometimes replaceable

Self cleaning feature

Craig hospital cleaning procedure



Rehab Engineering



Rehab Engineering

Modify turn knobs and buttons

Splash guard

Attaching seat directly to SCC/RTS

- Non-electric: Spray nozzle off center
- Electric: back end too tall
 - If someone needs a cut out you cannot cut the bidet lid to accommodate

Feedback from patients with incomplete injury

Four tetra-incomplete injury patients (3 using non-electrics, one electric):

- Saves time
- Increased ease with cleanup due to limited UE ROM
- More gentle on the skin
- Decreased shoulder pain

Patient feedback: C5 ASIA D

“I would highly recommend it [a bidet]. It saves me a lot of work, time, and issues with shoulder pain... I even have shoulder pain while driving my car so anything I can do to decrease the amount of reach and work I have to do is great...It’s one less thing you have to worry about that can fatigue you.”

Incomplete injury feedback continued

Other feedback (reported by one incomplete injury patient)

- Helps stimulate a bowel movement
- Helps in particular with loose stool cleanup
- Dont have to worry about toilet getting clogged

Case study: portable bidet

- Used by 2 patients with T10 and T12 ASIA A injury
- Couldn't reach due to TLSO or muscle tightness
- Using long handled equipment for BOP
- Using The Palm by bioBidet
 - Longest spray spray nozzle "7
 - Squeeze powered

Their feedback:

- Use in combination with toilet paper



Case study: portable bidet



Case study: Guillain-Barre

- Female patient, concerned about wiping after urination
- Limited functional upper extremity movement (unable to wipe)
- Had control of bladder and ability to transfer to/from toilet

Experience using Biobidet 1000 (not using RTS or SCC)

- Used mouthstick stylus to operate remote
- Place remote on wall, mouthstick nearby in a jar on shelf
- Good trunk control: lean forward for feminine wash

- Wear skirts and underwear with cutout

Other patient uses at/after Craig

- Hip replacement precautions
- Patients with loose stool/C-diff
- Multiple family caregivers
 - Brain injury patient with functional use of left hand to operate remote
 - Needed help with transfer but wanted pericare privacy

Questions??

chainsawsuit.com

