



100% gel-free ultrasound procedures<sup>SM</sup>

**envision**<sup>TM</sup>



## Just Add Water

Envision by CIVCO Medical Solutions is a viral barrier which enables 100% gel-free ultrasound procedures. The Envision ultrasound products are activated with a sterile liquid and require no gel, which:

- reduces the risk of contamination
- can improve the quality of FNA specimens
- simplifies workflow



# Reduce the Risk of Contamination

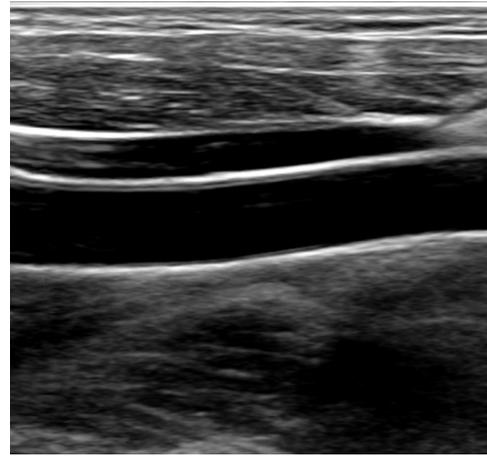
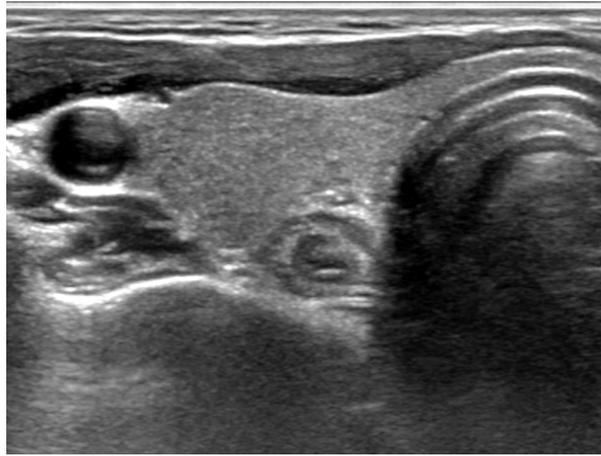
Based on multiple clinical studies, ultrasound gel has been shown to harbor and spread infection. Gel can:

- contribute to increasing nosocomial infection, the spread of hospital acquired infections<sup>1,2,3,4</sup>
- cause bacteria to be introduced into the blood stream<sup>3,6</sup>
- make the disinfection or sterilization process of devices, including ultrasound probes, less effective<sup>5</sup>

**Envision enables gel-free ultrasound procedures, reducing the risk of contamination** during needle-guided interventions or while scanning non-intact skin.

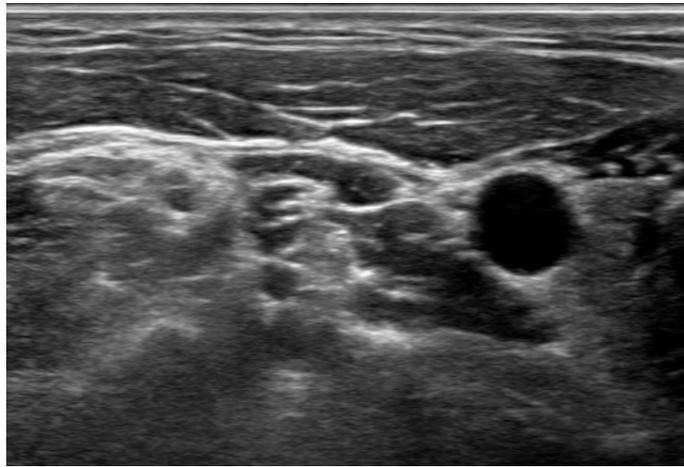
*Evidence of device safety based on biocompatibility, sterilization and other non-clinical testing.*





## Envision Enables Trusted Image Quality

*Use a sterile liquid to scan with Envision for reliable ultrasound images*



## Improve Quality of FNA Specimens

Envision covers can help improve the visibility of cells in FNAs by eliminating the need for gel from these procedures. Several studies show the adverse effects gel can have on fine needle aspirations:

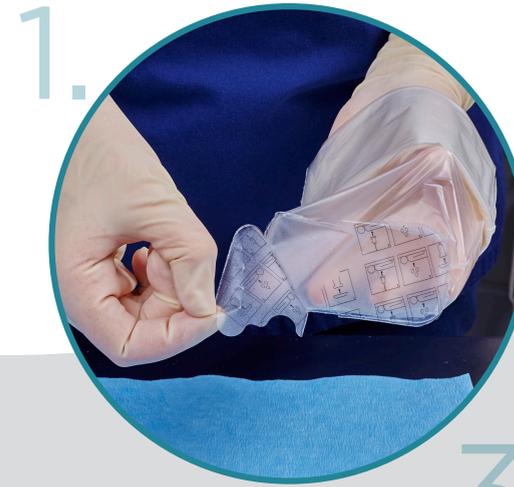
- Impairs the visibility of cells and interferes with staining of cells<sup>7</sup>
- Causes a significant increase in the number of slides with artefacts<sup>7</sup>
- Causes widespread cell lysis, increasing the risk of misinterpretation and a false positive diagnosis<sup>8</sup>
- Mimics colloid, creating difficulty in differentiation between artefact and colloid<sup>7,9</sup>



# Simplify Workflow

The Envision cover is easy to set up with the quick-peel liner that safely adheres to the probe face, and clean-up is simple with no gel to wipe off the probe or patient. Pre-cleaning of the probe is greatly simplified with the use of Envision.

1. Place hand into cover to stretch out the liner and remove liner to expose silicone adhesive.
2. Position adhesive onto probe face, then pick up probe with hand still in cover to allow easy deployment down the length of probe handle and cord.
3. Reposition cover over probe face to remove wrinkles, if needed.
4. Apply generous amount of sterile liquid to target anatomical area of patient and start scanning.
5. Simply remove the cover following procedure by peeling the adhesive from the probe face.



# Envision Pad

The Envision Pad can be adhered to the patient or the probe and can be used to scan non-intact or sensitive areas. Envision's design includes a silicone adhesive, which is useful when applied to patients with fragile skin due to low skin trauma on removal<sup>10</sup>.

Adhering sterile pad to the patient:

1. Remove liner to expose silicone adhesive.
2. Apply adhesive side to target anatomical area of patient.
3. Apply generous amount of sterile liquid to the top of the pad and begin scanning.
4. Simply peel off the pad once scanning is complete.

