

Evolution™ and Evolution™ PSV



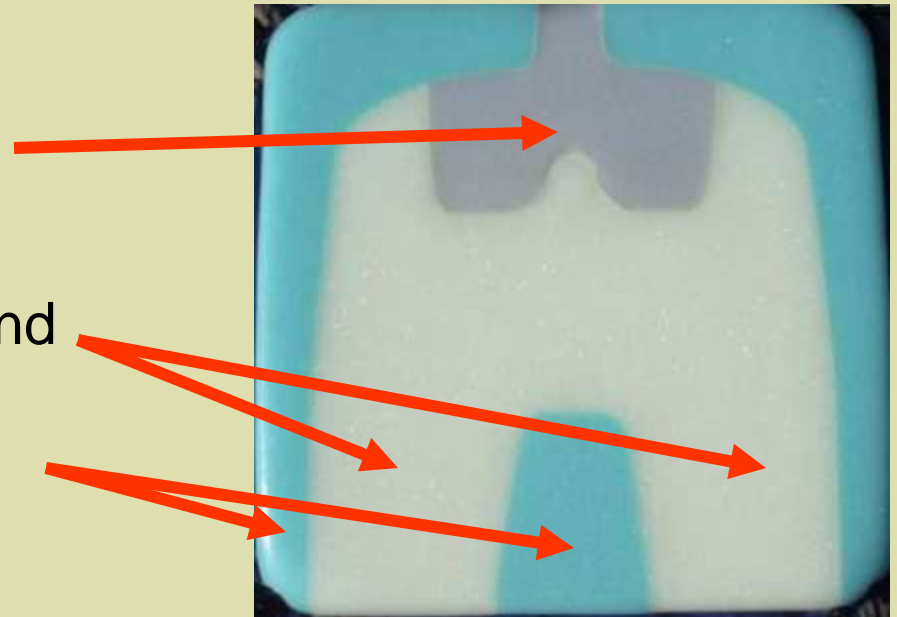
Evolution™ & Evolution™ PSV

- For individuals with:
 - high/moderate skin protection needs &
 - moderate positioning needs
- Single chamber
- 4 way stretch fabric
- Mesh or incontinence cover
- Can combine with a Wave™ base or Wedge
- HCPCS Code E2622/E2623 Skin Protection Wheelchair Seat Cushion, adjustable



Evolution Foam Stiffness

- Postural support is created by the 3 types of foam:
 - Softest foam under the ischium
 - Medium foam under the thighs/femurs
 - Firmer foam for medial and lateral thigh support



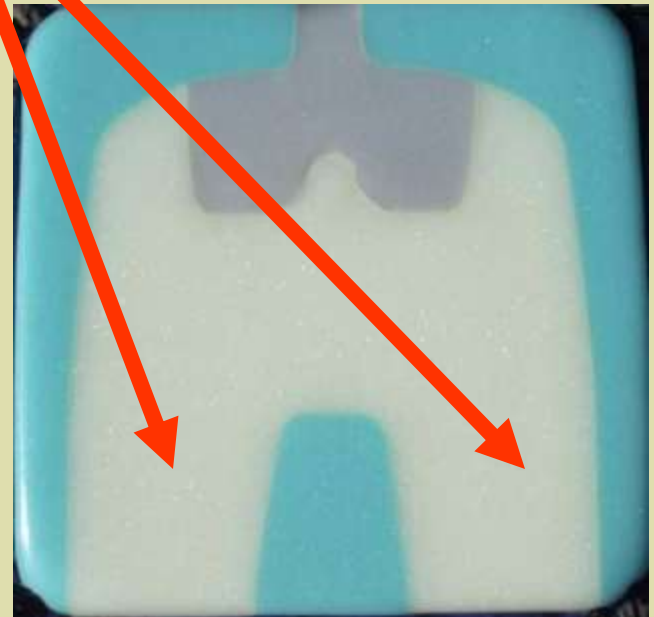
Ischial Area Foam

- Indent created due to the surrounding firmer foam pushing up more on the cushion surface than the less firm ischial area.
- The cushion has **NOT** taken a set or failed.
- This indicates that the cushion is functioning normally without any punctures or leaks.
- This reduces the surface interface pressure underneath the pressure sensitive ischiums and sacrum.



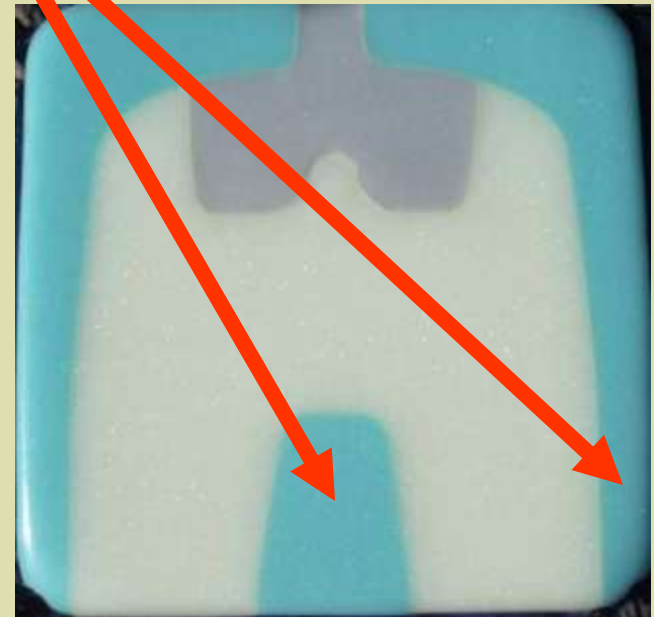
Thigh Area Foam

- Firmer than ischial area foam
- Creates a pre-ischial ridge and pelvic bucket
- Maintains pelvic position by restricting forward and lateral pelvic migration
- Provides support during functional transfers



Medial & Lateral Support Foam

- Firmest foam area
- Medial & lateral thigh support minimizes lower extremity adduction & abduction
- Posterior & lateral pelvic support provides stability
- Postural support created through immersion



Four-way-stretch Blue Fabric



- The open-cell foam assembly is bonded to fabric so the cushion holds air.
- The four-way-stretch fabric provides maximum conformity during immersion for optimal pressure distribution.
- Puncture & water resistant.

Valve Styles



Standard Valve



PSV

The Evolution cushion is available with both the PSV (Pressure Setting Valve) and standard valve.

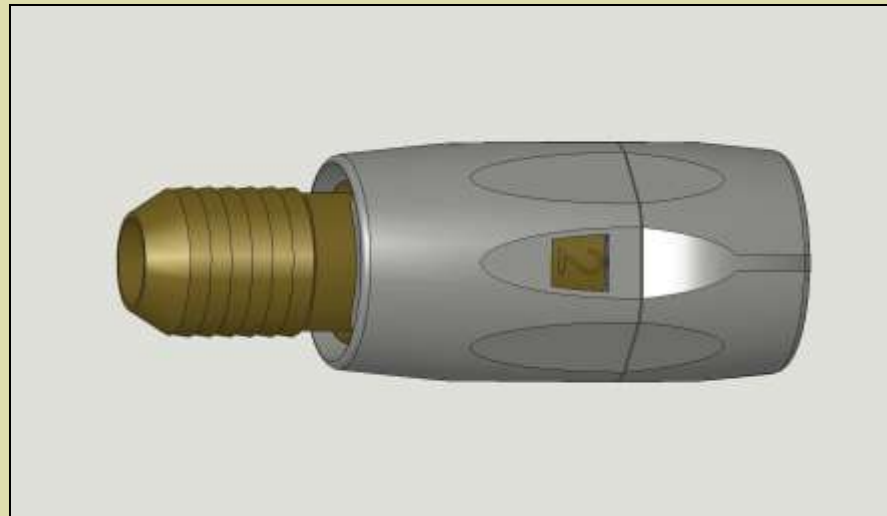
PSV = Pressure Setting Valve



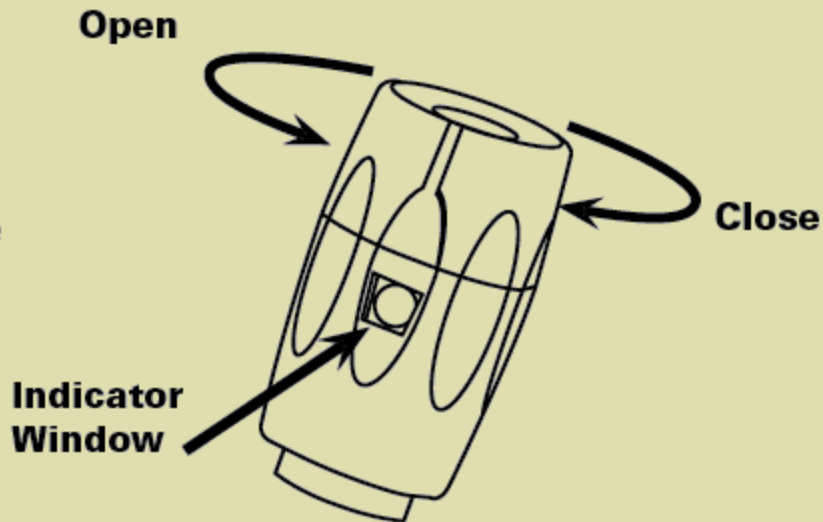
- Eliminates guesswork
- Precise
- Reliable
- Easy

3 Steps to Adjusting the PSV

1. Cushion inflated, valve closed
2. Set valve to indicator 1, 2 or 3 and air will escape for 10-20 seconds and then stop
3. Close the valve



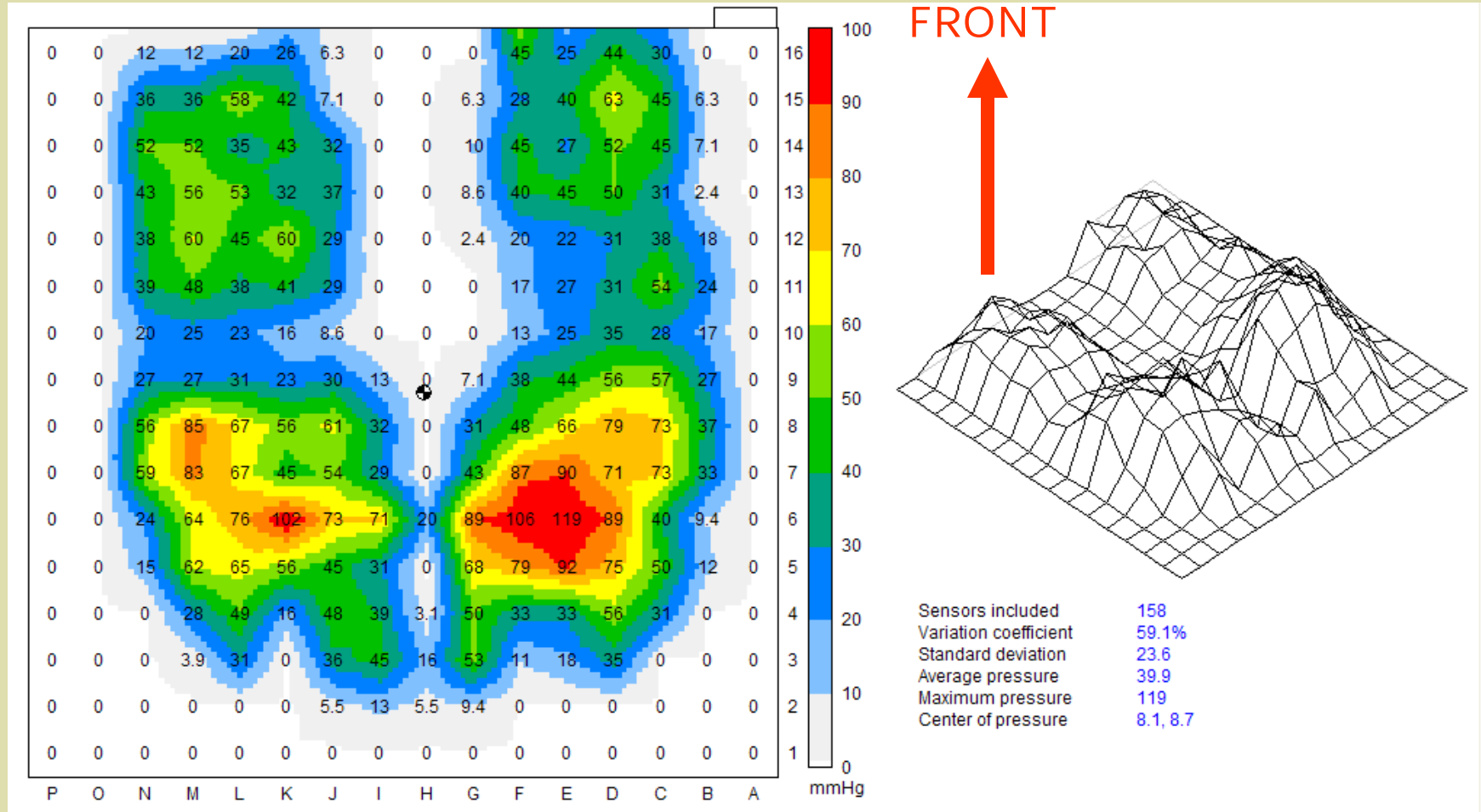
Adjusting the PSV™ Valve



- Setting of 2 is usually optimal for most users
- Internal pressure of the cushion is 0.2 psi
- Cushion instructions tell the user to use a setting of 2 unless otherwise instructed by their therapist.

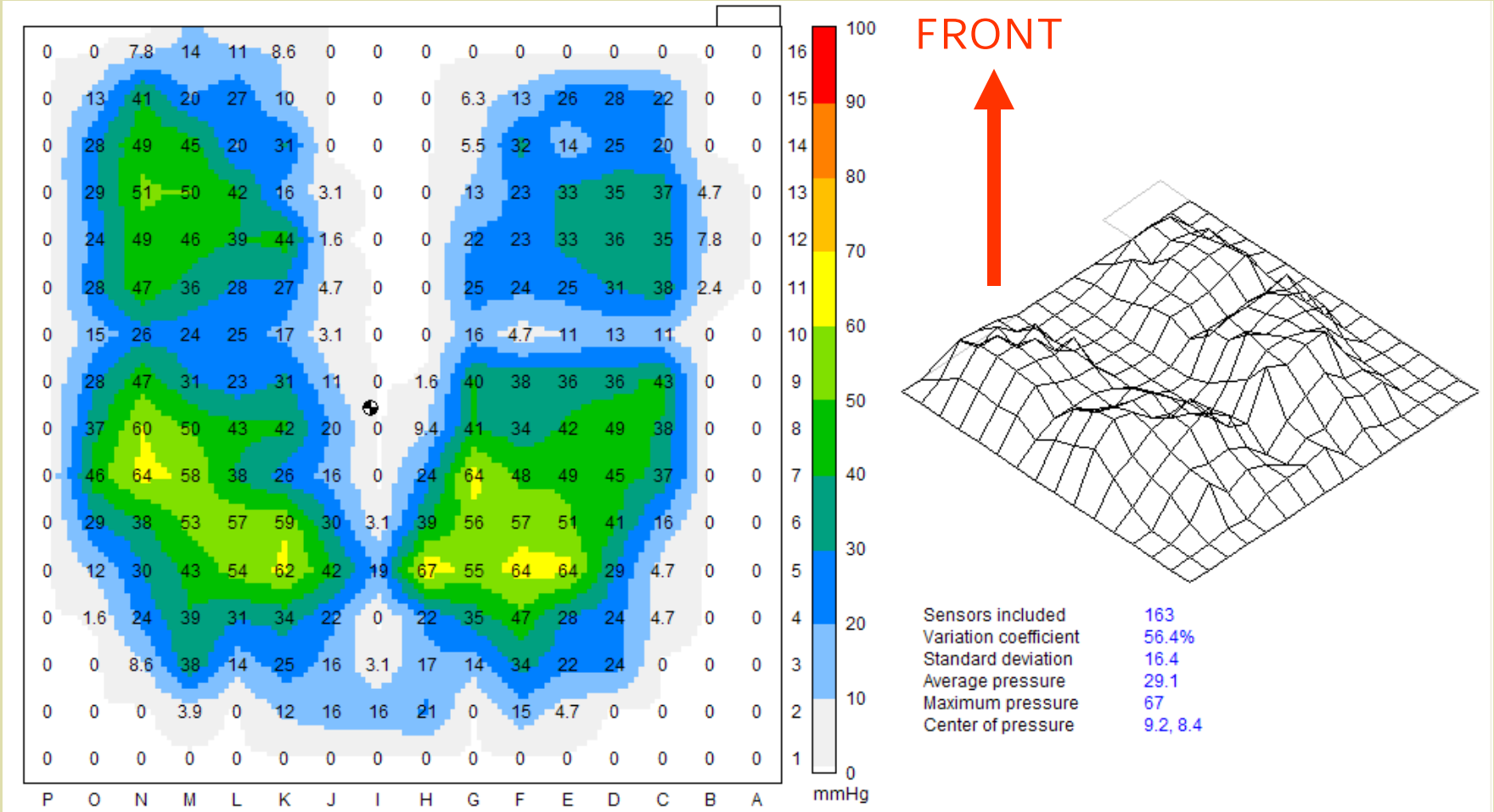
PSV Settings

- Fully inflated cushion



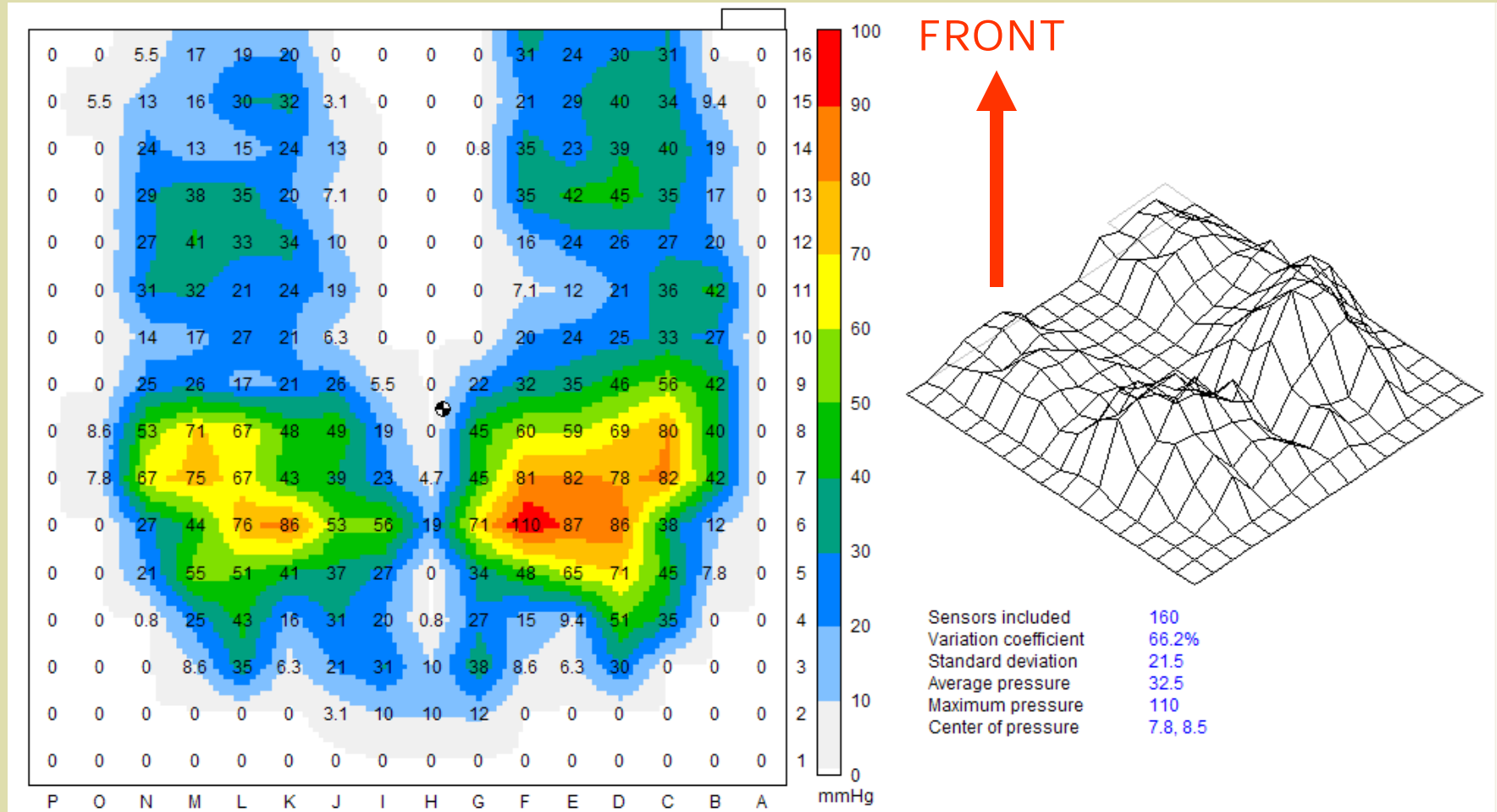
PSV Settings

- Setting #2: Optimal immersion



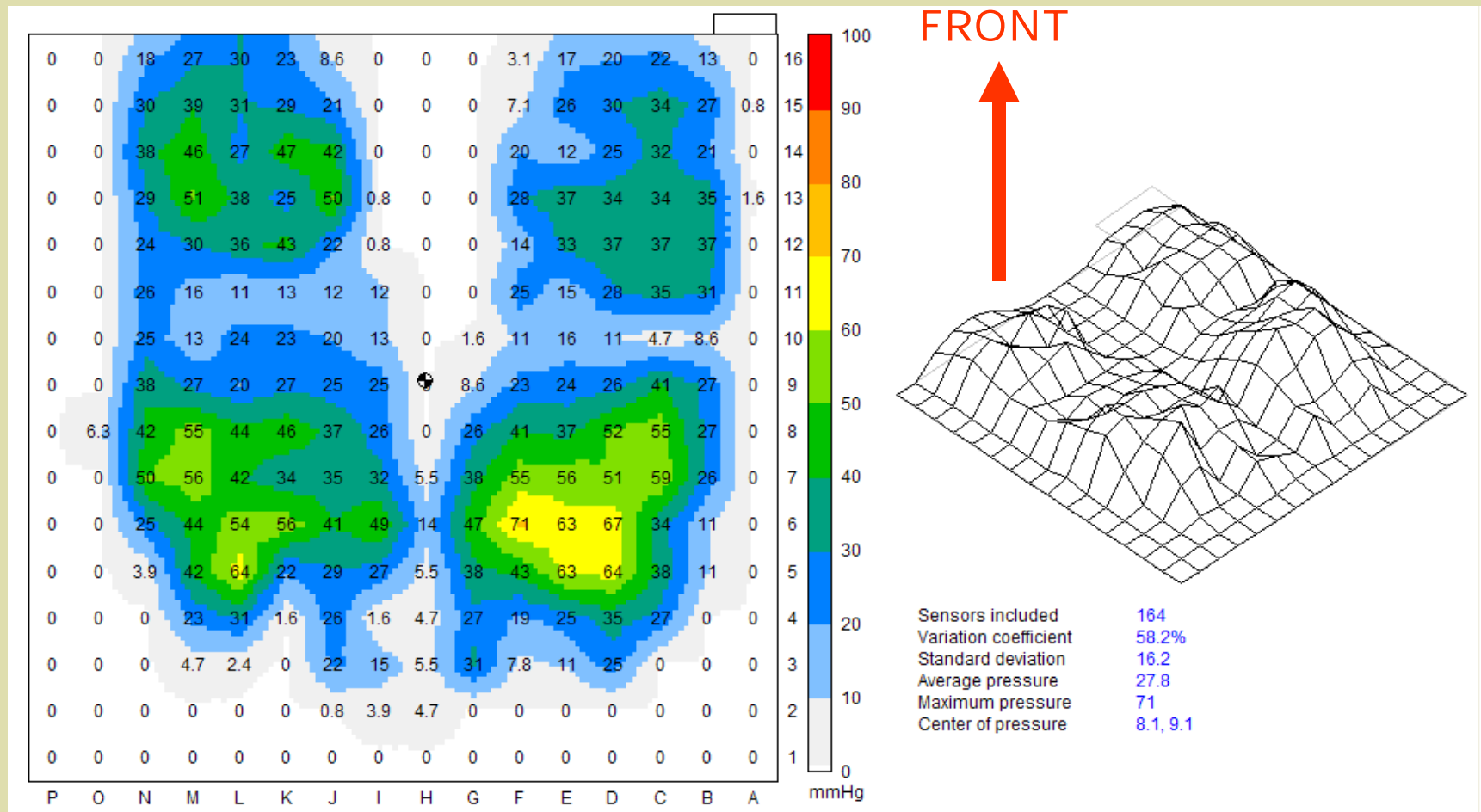
PSV Settings

- Setting #1: Some air released



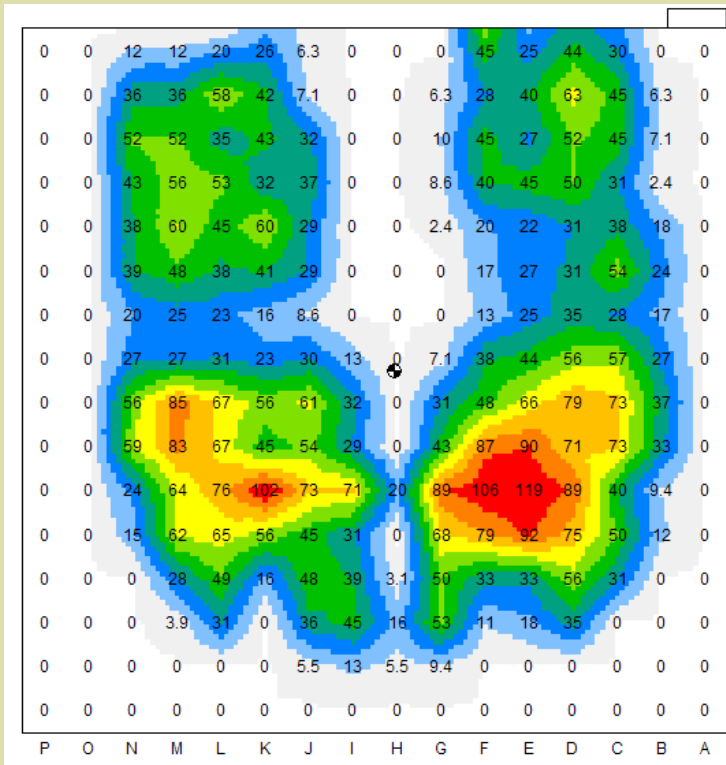
PSV Settings

- Setting #3: More air released



PSV Settings

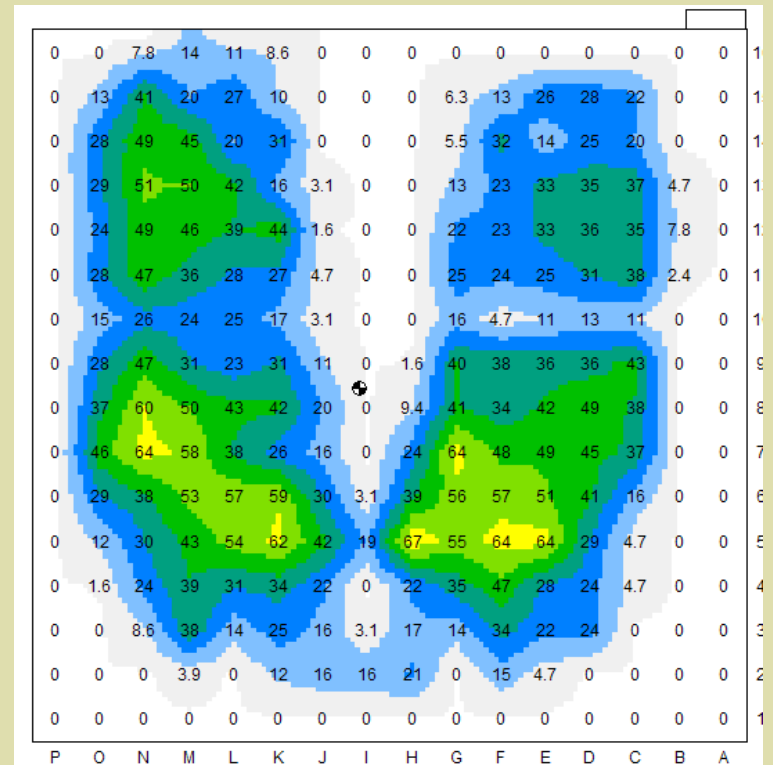
Fully inflated



FRONT



PSV Setting #2



The Evolution Cushion Cover

Available in mesh or incontinence cover

- Mesh cover is more breathable offering better temperature and moisture control
- Incontinence cover protects the cushion and may be easier to slide on for transfers



Clients to Consider:

- Users that have a high risk for skin and tissue break down
- Clients that need symmetrical positioning
- Users with compromised sitting balance
- Users that manually propel for vibration dampening

