



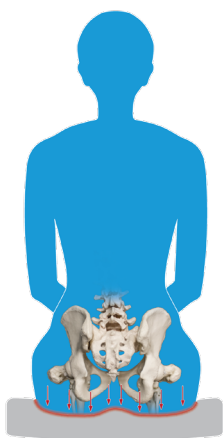
## Clinical Applications of Vicair<sup>®</sup> Cushions

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Vicair<sup>®</sup> cushions are all premium **skin protection** and **skin protection and positioning** cushions.

While they each offer superior skin protection, they vary in their clinical application and benefits to individual users. This resource is meant to help you in your selection process.

### Methods of Pressure Distribution to Understand When Selecting a Cushion



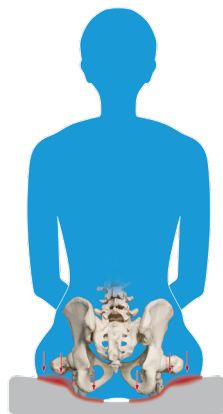
**Immersion & Envelopment**

#### **Immersion & Envelopment**

**Definition:** The principle in which a material allows the body to compress or “sink” in it and the material conforms to the body’s shape to provide further pressure redistribution and reduction of peak pressures.

**Features:**

- Have a softer feel
- Appropriate for all wounds
- May be less stable than an offloading style



**Partial Offloading**

#### **Partial Offloading**

**Definition:** The principle in which pressure is partially removed from a small vulnerable surface area and loaded onto a greater surface area of more tolerant tissue to provide pressure redistribution and reduction of peak pressures.

**Features:**

- Feel more firm
- Designed to partially or completely alleviate pressure from the ITs, sacrum, and coccyx
- Provides stability by loading the trochanters and pushing the head of the femur into the acetabulum, locking it into the pelvis

# Clinical Applications of Vicair® Cushions Chart

Original Vicair® vs X-Series: The difference is NOT that one style is better than the other, they just have different applications. All are low maintenance and adjustable yet great right out of the box.

		ORIGINAL		X-SERIES			
		E2622/E2623	E2624/E2625	E2624/E2625		E2622/E2623	E2622
		Adjuster®	Vector®	Versa™ X	Vector® X	Adjuster® X	Liberty® X
Type of Pressure Redistribution	Immersion & Envelopment	●	●			Pelvic Well Immersion	●
	Partial Offloading		Offloading Possible	●	●	●	
Surface Feel	Soft	●	●				●
	Firm			●	●	●	
	Recommended for hypersensitivity						●
Geometry	Linear	Can accommodate various body types and contractures	●	●		●	●
	Contoured	Best for those with minimal residual tissue, and reducible postural abnormalities		Possible With Adjustment	●	●	
Positioning Needs	For those with positioning needs who don't qualify for a positioning cushion	●				●	
	Highly contoured for more aggressive positioning				●		
	Mild contours for LE alignment		●	●			
	Lower profile for active users			●			
	Allows freedom of movement	●		●		●	
Postural Stability	Good trunk stability, and/or mild to no pelvic weakness	●	●				●
	Fair to poor trunk stability and/or pelvic weakness			●	●	●	
Ease of Transfer	Good for slide board transfers	●	●	●	●	●	
	Good for independent transfers	●	●	●		●	
Care Instructions <i>Refer to manufacturer's instructions</i>	Cushion machine washable				●	●	
	Cover machine washable	●	●	●	●	●	●
	Incontinence liner/cover washable	●	●	●	●	●	●