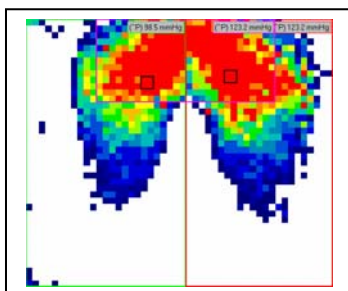
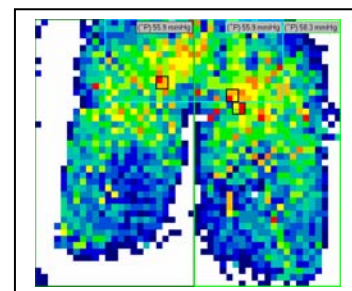


Wheelchair Cushions

Patient Decubitus risk (Norton/ Waterlow/Braden... scale)		Few	Low	Medium	High
Decubitus Prevention: Cushion characteristics for a testee of 86 kg Max. Peak Pressure (mmHg) Av. Contact Pressure (mmHg) Surface area > 60 mmHg % contact area	> 100 mmHg > 60 mmHg > 50 cm ² 40-50 %		70-80 mmHg 45-50 mmHg +/- 5-10 cm ²	60-70 mmHg 40-45 mmHg +/- 2-5 cm ²	< 60 mmHg < 40 mmHg +/- 1 cm ² 65-85 %
Wheelchair User Group					
Totally immobile users: - Bounded to their wheelchair, dependent on a third person for each action - Bad muscular tension (paralysis, spasm, ..) - Bad mental condition (dementia,..)				Contour Foam	Contour Gel < 100kg Contour Foam > 100kg
Quite immobile users: - Bounded to their wheelchair, dependent on a third person for nursing care - Healthy elderly people - Care after accident				Neotek	NeoGel < 100kg Neotek > 100kg
Mobile users: - Bounded to their wheelchair, but totally independent in daily life - Doing a job, doing sport - After bone fracture			Neotherm		
Temporary Users - Ambulant patients - No 24h/day use	Wheelchair without cushion		Anyway		



Wheelchair without cushion



Contourgel