

➤ **MISS CHAUTARD** works in the communications field from her home in the south of France. In 1993, she was involved in a serious car accident that left her paralyzed from the neck down. Following her accident, Miss Chautard was involved in an extensive rehabilitation process and worked with a number of clinical specialists. During one of her visits, Miss Chautard was first introduced to pressure imaging.

Individuals in a similar situation spend significant time in bed and in their wheelchair, and their lack of mobility puts them at significant risk for developing pressure ulcers. Miss Chautard's clinician used pressure imaging as part of her care to help prescribe an appropriate seating surface for her wheelchair in an effort to mitigate the development of any pressure ulcers. Pressure imaging is also used on an ongoing basis to analyze and adjust both her wheelchair seat cushion and her positioning to help ensure she continues to remain free of pressure ulcers.

"Pressure imaging improved my rehabilitation experience," explains Miss Chautard. "Partly due to its objectivity and accuracy, my care-giver was able to make real-time adjustments to my seating cushion. Today, I am more mobile than I ever imagined I would be after my accident."

The Results of XSENSOR's X3 Medical Seat System: Improved Mobility and Patient Care

As a result of Miss Chautard's regular use of pressure imaging, she has experienced a number of tangible benefits to her overall quality of life. These include:

- **PEACE OF MIND:** Miss Chautard has the freedom to pursue her career in communications. "It is comforting to know that I can sit for long periods of time in my wheelchair and not have to worry that I will develop pressure wounds," comments Miss Chautard. "By regularly monitoring my seating cushion and positioning, I am able to spend significant periods of time in my wheelchair, thus allowing me to work and maintain my professional commitments."
- **IMPROVED MOBILITY:** Miss Chautard is also able to leave her home for extended periods of time. "When I travel to the mountains, the pressure in my seat cushion is impacted. With the use of XSENSOR's pressure imaging system, I was able to monitor my pressure distribution in real-time and make the appropriate adjustments."
- **INCREASED COMPLIANCE:** It is difficult for patients to understand how their body positioning and other factors impact their risk for developing pressure ulcers. XSENSOR's system provides a visual representation that clinicians, patients and their care-givers can use to see how their positioning impacts their pressure distribution. "This visual aid helps me to ensure I maintain the best possible habits as they relate to my ongoing care," adds Miss Chautard.

