



Selecting French Expertise in

Physical Medicine and Rehabilitation



France: Renowned for Its Expertise in Physical Medicine and Rehabilitation

Scientific and Clinical Expertise, Human Excellence: French Physical Medicine and Rehabilitation (PM&R) is a medical specialty built on the highest standards, and today it is recognized well beyond France's borders.

In France, PM&R operates within a structured healthcare system based on equal access to care, continuous evaluation of clinical practices, and seamless patient care pathways. It is grounded in a holistic approach to the patient, addressing functional, cognitive, psychological, and social dimensions, with a clear objective: to restore autonomy and quality of life in a lasting way.

This commitment is reflected in the strong integration of care, innovation, and training. French PM&R professionals work in advanced clinical environments, supported by research, international guidelines, and a well-established culture of multidisciplinary collaboration. It also benefits from a dynamic industrial ecosystem capable of developing technological solutions validated in real clinical settings.

Supporting People with Disabilities in **Regaining Autonomy** Faster

A major **public health** priority

Physical Medicine and Rehabilitation (PM&R) is a medical specialty that plays a crucial role in restoring function and improving quality of life for people with disabilities. It addresses sensory-motor, cognitive-behavioral, psychological, and social dimensions, as well as all aspects of daily living activities.

According to the World Health Organization, more than 2.4 billion people live with health conditions that could benefit from rehabilitation services.

Each year, approximately 15 million people suffer a stroke, 20 to 50 million are injured in road accidents, and millions more are affected by conflicts and wars, resulting in long-term impairments.

The global prevalence of disability is rising due to population aging, chronic diseases, and trauma, making PM&R more essential than ever. The impact of disability extends far beyond the individual: loss of mobility and autonomy is a major driver of healthcare and social costs. In many countries, up to 10% of healthcare spending is related to disability and long-term care.

Investing in rehabilitation medicine is therefore not only a medical necessity but also a strategic imperative: it helps reduce rehospitalizations, supports return to work, and strengthens social participation.





France's Physical Medicine and Rehabilitation Sector: **A Coordinated, Export-Ready Offering** Expertise Supporting Health System Performance

Physical Medicine and Rehabilitation (PM&R) plays a central role in France in the management of motor, neurological, and orthopedic disabilities. It is primarily delivered within SMR (Medical and Rehabilitation Care) centers or services, which rely on a multidisciplinary team—PM&R physicians, physiotherapists, occupational therapists, speech therapists, psychomotor therapists, and neuropsychologists—to restore autonomy and prevent functional decline.

Rehabilitation units are key to this process, supporting patients from the post-acute phase through chronic follow-up via intensive programs that combine motor rehabilitation, cognitive training, movement analysis, instrumented exercises, and independent activities.

What makes the French approach unique is the convergence of a structured care organization and one of the world's most innovative industrial ecosystems. France is a recognized leader in rehabilitation technologies, with medtech companies developing advanced solutions for neuro-rehabilitation, gait robotics, therapeutic virtual reality, sensory stimulation, instrumented analysis, intensive self-rehabilitation, and tele-rehabilitation. This innovative capacity directly addresses the practical needs of SMRs and PM&R services, offering a model that is highly relevant for transforming health systems worldwide.

It is this clinical and technological coherence that now enables France to present a unified, transparent, and competitive offering on the international stage. This portfolio brings together complementary solutions

covering the entire rehabilitation continuum, from neurofunctional awakening to home-based autonomy. For international decision-makers and funders, it delivers three concrete benefits: simplifying the identification of proven technologies, facilitating their integration into diverse local healthcare settings, and supporting measurable improvements in patients' quality of life, with the potential to reduce long-term costs associated with disability and dependency.

Education and Training: Driving Excellence and Synergy

In France, excellence in PM&R relies as much on technology as on the skills of healthcare professionals. Specialized training is a central pillar: it ensures the application of the highest international standards, promotes the adoption of clinical and technological innovations, and strengthens teams' ability to design integrated care pathways.

For international decision-makers, French training specialists provide unique added value: transferring know-how, supporting the implementation of protocols, optimizing multidisciplinary practices, and adapting to local contexts.

This combination of expertise and innovative solutions complements the French offering, creating a holistic and sustainable rehabilitation environment.



Medical and Rehabilitation Care Facilities: Delivering Expertise and Global Support

French post-acute care and rehabilitation facilities go beyond the provision of care alone: they offer access to advanced rehabilitation units and structured care pathways to support patient management. Their expertise in care coordination and clinical pathways is exported internationally, enabling foreign patients to be treated in optimized, safe, and French-standard-compliant facilities. This expertise also allows French partners to assist international counterparts in establishing efficient services, while ensuring high-quality care for an international patient population. The French offering stands out for its ability to combine high-performance equipment with recognized clinical practices, ensuring both safety and continuity of care.



Comprehensive Integrated Rehabilitation Home-Based Recovery



...Across All Physical Medicine and Rehabilitation



Orthopedics



Neurology



Cardiorespiratory

Expertise Throughout the Patient Journey...

Technologies Guiding Patients from Acute Care to



Rehabilitation Specialties



Oncology



Nutrition



Pediatrics



Geriatrics



In response to the urgent needs created by the war in Ukraine, Resilience Orthopedics is deploying French expertise in digital orthotics and prosthetics to address the massive demand for assistive devices for civilian and military amputees.

The project is based on the deployment of micro-clinics equipped with digital socket manufacturing technology, replacing traditional methods with optimized production workflows driven by 3D digitization.

This technology significantly reduces manufacturing time while lowering requirements for heavy infrastructure, specialized labor, and logistics, enabling rapid, standardized local production even in challenging environments.

The project includes a structured skills transfer to Ukrainian teams, supporting the gradual autonomy of the centers and the development of a sustainable local industrial capacity to serve the Ukrainian healthcare system.

Supported by the Ukraine Fund, this initiative exemplifies the French sector's contribution to rebuilding orthopedic care and production capabilities, combining innovation, efficiency, and resilience.

Dimitri TROTIGNON
President of *Résilience Orthopédics*



From Humanitarian Crisis to Healthcare Reconstruction: **France's Engagement in Ukraine**

France provides structured and sustainable support to Ukraine in the healthcare sector, responding directly to the needs identified by the Ukrainian Ministry of Health. In 2025, it mobilized €120 million in funding for French companies to deploy solutions addressing both civilian and military applications.

These efforts include the care of injured soldiers, amputees, and patients with mental health conditions, as well as the reconstruction and modernization of hospitals. France also supports Ukraine

in aligning its healthcare system with European standards, advancing medical imaging capabilities, providing access to critical equipment, offering organizational support, and strengthening skills through close, sustainable, and operational academic collaborations between French and Ukrainian physicians.

All of this contributes to the country's health resilience and long-term reconstruction capacity, in line with Ukraine's key priorities.



Through the delivery of 180 rehabilitation devices, Dessintey demonstrates its commitment to supporting Ukraine in providing the highest standard of care. The war-related injuries observed are among the most complex to treat, including multiple amputations, traumatic brain injuries, and severe neurological impairments, all requiring tailored and intensive rehabilitation protocols.

Recovery does not rely solely on surgery: it requires advanced technologies that enhance neuroplasticity and accelerate patients' return to autonomy.

Nicolas FOURNIER
President of *Dessintey*



The reconstruction of the rehabilitation centers in Ladyzhyn and Vinnytsia represents both a healthcare and a human commitment. By developing facilities capable of caring for adults and children alike, we aim to give patients the means to rebuild physically and psychologically, while embedding these projects within a sustainable effort to strengthen Ukraine's healthcare system.

Xavier LANNUZEL
General Manager of Ginger International



FRENCH HEALTHCARE is an innovative public-private initiative that brings together all French healthcare stakeholders—companies, manufacturers, researchers, healthcare institutions, and public actors—under a common banner, with the aim of jointly promoting their activities, expertise, and technologies internationally.

Produced with the contribution of the members of the French Healthcare Association: visit them at frenchhealthcare.com/our-members



Axomove Therapy is a digital medical device for physical rehabilitation that extends care into the patient's home through personalized video-based protocols. It enables medical teams to ensure continuity of care, improve therapeutic adherence, and secure the rehabilitation pathway.



A manufacturer specializing in advanced technologies for intensive rehabilitation of neurological and orthopedic conditions. Its devices leverage visual stimulation to enhance neuroplasticity, supporting patients in regaining motor and cognitive abilities.



Develter EKO's driving simulator enables patients to be evaluated and to safely relearn driving, despite their conditions. Rehab Evolution integrates rehabilitation with objective assessments, offering tools to measure both functional and cognitive performance.



A comprehensive functional rehabilitation ecosystem—including VR, treadmills, and connected pedal devices—bridging hospital and home care through its tele-rehabilitation app, allowing



France's leading private operator in Medical and Rehabilitation Care (SMR), with 800 beds and outpatient places. A recognized reference in chronic conditions, neurology, and musculoskeletal disorders. Internationally acknowledged expertise, including the treatment



Gravity Waves® is the only vertebral decompression table based on gravitational traction, featuring adjustable inclination and patient-specific customization. Used in functional rehabilitation, this non-invasive medical device helps reduce pain, restore mobility, and decrease kinesiophobia.



Invivox is France's reference platform for continuing medical education, linking PM&R professionals to top international expertise and supporting the advancement of clinical standards through both on-site and digital training programs.



Resilience

Résilience Orthopédie crée dans votre ville, dans votre hôpital ou centre de rééducation un service d'appareillage innovant pour assurer la prise en charge des patients amputés tout en formant les orthoprothésistes de demain.



A designer and manufacturer of electronic driving assistance systems, Sojadis leverages its expertise to support healthcare and automotive professionals in 20 countries, helping people with reduced mobility assess, learn, and gain access to adapted driving solutions.



Vibramoov is an innovative, non-invasive neuro-rehabilitation technology designed for post-stroke patients and individuals with spinal cord injuries. Based on Functional Proprioceptive Stimulation (FPS), it retrains sensorimotor circuits and supports early motor recovery from the acute phase of care.



A French robotics pioneer, designing and producing self-balancing walking exoskeletons to restore mobility for individuals with reduced mobility, currently deployed in rehabilitation centers and soon available for daily use.