

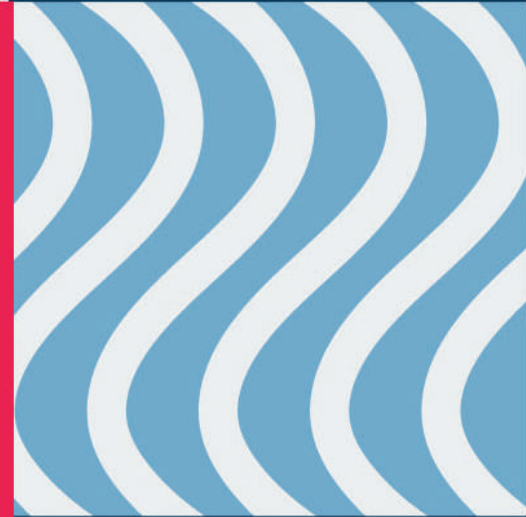
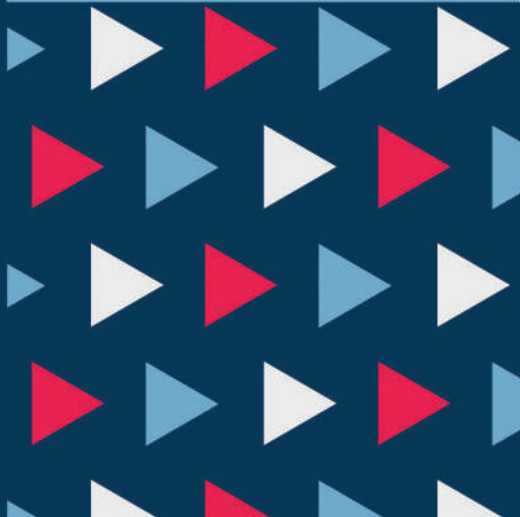
ISPC

SYNERGIES



Promoting and funding a virtuous ecosystem that brings together infrastructural projects in the fields of sport and disability.

The Connected Parasport Health Institute:
The Connected Parasport Health Institute: a unique site in the world that unifies research, training and assistance in the practice of sports for people with disabilities.





ISPC

SYNERGIES



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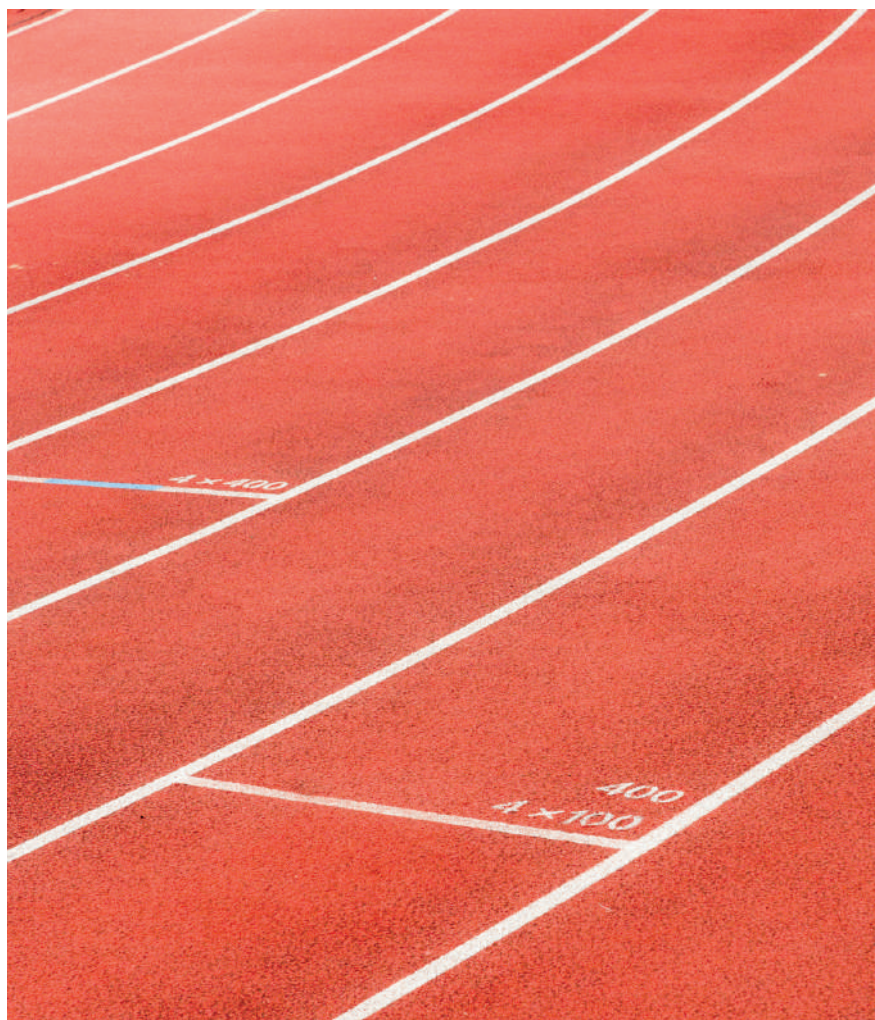
EDITORIAL

« The body is driven forward by its muscles; an institution is driven forward by its financial resources »

In France and abroad, the world of disability is intimately linked to Raymond Poincaré Hospital in Garches. The hospital's name is synonymous with high-quality healthcare, expert staff, and high-level research.

When I joined the hospital in 2005, I sought to meet these high standards by faithfully applying the skills I had learned from my teachers and mentors. I was helped in this task by the orthopaedic surgeon Dr Philippe Denormandie, with whom I have championed France's expertise in neuro-orthopaedics.

With support from hospital users and patient associations, our atypical multidisciplinary collaboration has generated novel practices, research projects, training courses, an international symposium, and now the emerging Connected Paraspport Health Institute (Institut de Santé Paraspport Connecté, ISPC) – a university-level “elite parasports institute for all”.



As the latest of our projects, the ISPC is the most ambitious, with a strong focus on creating tools, infrastructure and networks in parasport. With the Paris 2024 Paralympics, the Institute will be under the international spotlight. To maintain a high profile, it will require significant investments from financial partners.

As Chairperson of ISPC Synergies (the non-profit association tasked with setting up the ISPC), I have entrusted its chief executive Philippe Fourny with the intricate, ambitious task of asking prestigious donors to fund the future Institute and its designated missions in research, training, and broadening access to parasport.

ISPC Synergies, which I chair, is at the front line of this project and is in charge of its promotion and its fundraising.

Pr. François Genêt





ABOUT THE ISPC

The Connected Parasport Health Institute: a unique site in the world that unifies research, training and assistance in the practice of sports for people with disabilities.

The ISPC project aims to build the first institute in the world dedicated exclusively to parasport-health in the department of Yvelines, at Bécheville-Les Mureaux. This future parasport-health complex will receive its inaugural stone shortly before the Paris 2024 Olympic Games and will be open to the public two years later.

The ISPC will bring together the expertise and infrastructure needed to get more disabled people involved in physical activity and sport at all levels.

The ISPC will leverage an ecosystem of medical, scientific, educational and technological skills dedicated to (i) leisure parasport, parasport for health, and the detection and development of potential elite athletes, (ii) specific training courses for healthcare professionals, and (iii) research on improving performance and equipment for people who participate in parasports all under the same roof.



The project is championed by Professor François Genêt MD, Professor of Physical and Rehabilitation Medicine at Raymond Poincaré Hospital in Garches (near Paris), a faculty member at Versailles Saint-Quentin-en-Yvelines (UVSQ) University – Paris-Saclay University, and Head of the Medical Board at the French Paralympic Committee (CPSF).

The ISPC thus aims to:

- Create France's first sports-based preventive medicine centre for disabled people
- Develop medical and technical solutions that enable participation in physical activity for the 16,000 people who consult in Garches annually.
- Train 250 healthcare, rehabilitation or sports professionals as parasport enablers
- Initiate and centralise high-level physiological and technological research on parasport by bringing together skills and resources from the public and private sectors.
- Evaluate the services that innovative assistive devices and technologies must provide.
- Constitute a database on technological innovations and good practice in parasport.
- Initiate a reference centre that can classify parasport athletes for national and international competitions.

Driven by innovation, creativity and dynamism, the ISPC will have unique objectives in sport and health for disabled people.

The Institute has been awarded 2024 Olympic Legacy accreditation by the French government, which will enable it to continue its mission of broadening access to parasport even after the 2024 Paris Olympics.





PARASPORT & HEALTH

Enabling disabled adults and children to access the health benefits of parasport.

Our diagnosis, experience and thoughts: our studies have shown that healthcare professionals in general and physicians in particular hold back disabled people from getting involved in sport. On one hand, this is often due to a lack of awareness and poor links with the sporting world (i.e. coaches, trainers, physical education teachers, and parasport specialists). On the other, guidance on the technical equipment required for parasport is very hard to find.

The ISPC's recommendation : able to offer four health-focused activities: a parasport health check and three tracks: **multidisciplinary aptitude assessments/ follow-up** (track 1), **advice on doing parasport** (track 2) and **home support for parasport athletes** (track 3).

The parasport health check applies to all disabled people wishing to start a physical activity or sport.

The Institute will provide:

- Advice on doing sport that takes account of the individual's health profile and wishes.
- A medical prescription for physical activity and parasport, with specialist follow-up.
- Contacts with organisations involved in the chosen physical or sporting activity.



Since October 2021, ISPC is supported by AP-HP and has a dedicated consultation space at the Raymond Poincaré Hospital in Garches. This service is a precursor to the future institute, which will be redeployed at the new 8,500 m² headquarters of the Parasport & Health Institute, name, in the first quarter of 2026 at Bécheville - Les Mureaux, on the estimated date of inauguration, which will then be transformed into a Foundation recognized as being of Public Utility.

Users will also be able to receive multidisciplinary day hospital care, as follows:

TRACK 1: «APTITUDE»: a multidisciplinary clinical and instrumental evaluation of the motor, physiological and cognitive abilities required for a particular physical or sporting activity.

TRACK 2: «IMPLEMENTATION»: authorization to participate, advice on choosing a sporting discipline, improvement of sporting techniques or performance, studies of preventive health and disease mitigation measures in the laboratory and in situ (connected sports infrastructure), and the creation of specific assistive devices that use the latest technologies.

These day hospitals will be thematic: "children/teenagers", "technical skills", "guidance/initiation sessions for adults", and "physical activity and cancer".

TRACK 3: «OUTREACH»: An outreach team will support parasport participants at home and interface with their host institution - notably with regard to social inclusion.

The outreach team will include physicians, engineers, parasport coaches, prosthetists/orthotists, podiatrists, psychologists, researchers, and guest members (physicians and other professionals from sporting bodies or sports federations).

The Institute will also offer "custom care packages" (including assessments, hospital stays, assistive devices, at-home support, and follow-up) to healthcare providers and health insurers.



PARASPORT, HEALTH & RESEARCH

Better understanding the physiological factors that restrict participation in parasport, providing access to assistive devices, and developing useful new technologies for parasport.

Our diagnosis, experience and thoughts : The World Health Organisation's guidelines on the health benefits of sport should extend to everyone but are still difficult to apply to disabled people because of the singular nature and huge number of individual disability profiles. In this population, comorbidities, gender, and morphological and sociocultural factors have greater impacts on the ability to perform physical activity.

Research projects must adopt a bottom-up approach, from the individual to the community and from specifics to universalities; this will require a national-scale monitoring centre with antennae throughout France and facilities for big data management.

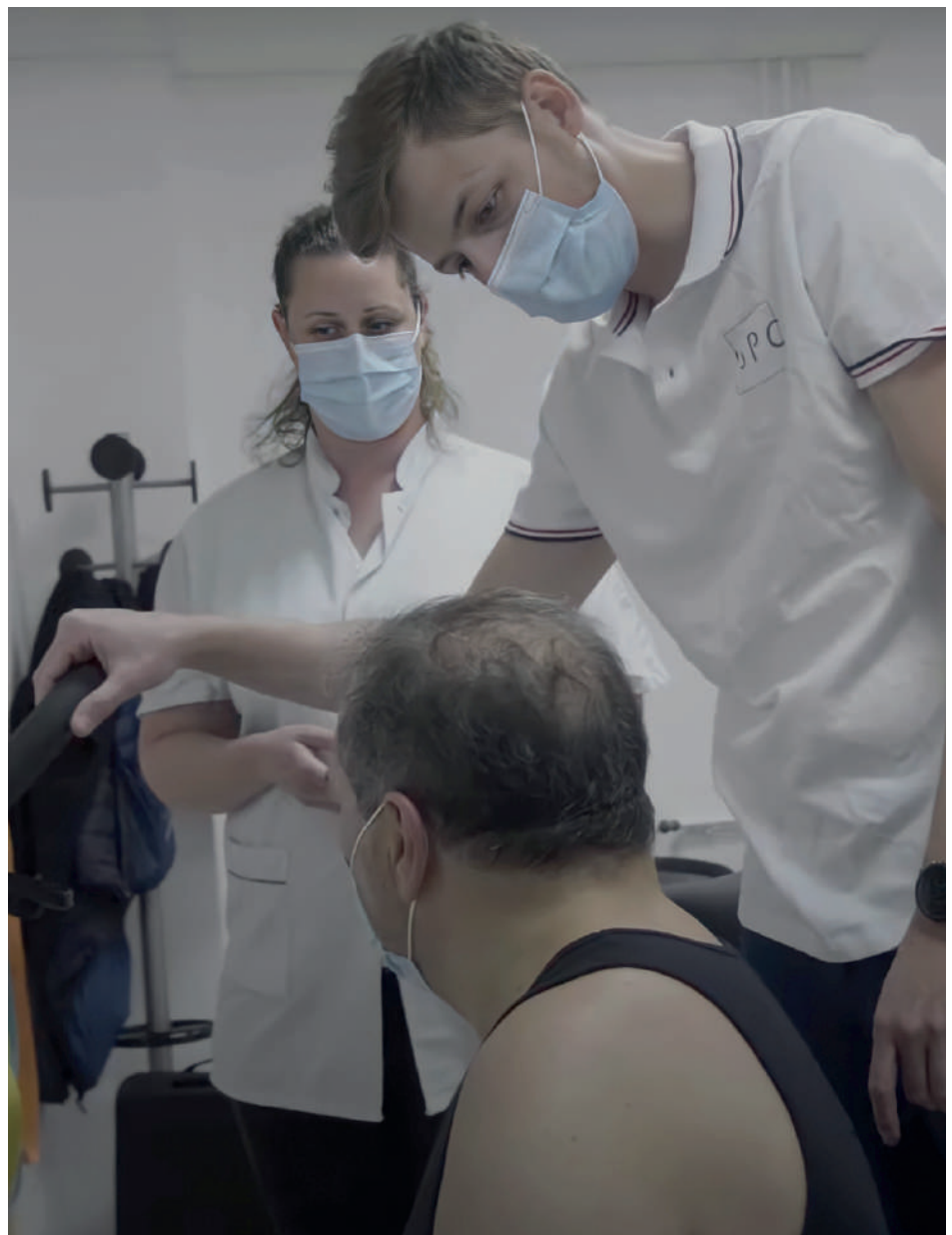
The ISPC's recommendation : The Institute will seek to evaluate parasport athletes' abilities by developing technologies that also broaden access to physical activity and sport and that improve performance (e.g. assistive devices, wheelchairs, and exoskeletons). The parasport athletes will be monitored in the lab and in the field.

The ISPC will have all the assets needed to become a reference centre for parasport health research with a fully translational dimension. The UMR 1179 END-ICAP preclinical research group (led by Professors Bonay and Genêt) is currently located at the Simone Veil Faculty of Health Science (UVSQ – Paris-Saclay University,) and will leverage its existing expertise in preclinical and biomedical research.

To complete this set-up, the ISPC's medical and research activities will integrate the vast amount of follow-up data recorded for disabled people having consulted in Garches.

Technology R&D strongly complements the above-mentioned priorities. It constitutes an ambitious development programme for novel assistive tools that facilitate participation, protect joints and maintain function over time – many of which will be transposable to the general population.

In response to this need to advise on and evaluate participation, the ISPC will have both sports activity halls and laboratory facilities for assessing and exploring physiological and motor abilities.





PARASPORT, HEALTH & INNOVATION

**Bringing together all the
components of the parasport
value chain at a single location**

Our diagnosis, experience and thoughts : very novel and promising disability technologies (notably in the field of sport) are sometimes generated by projects whose stakeholders are spread out geographically and thus do not have an appropriate environment for developing and disseminating their devices.

The ISPC's recommendation: after its inauguration in 2024, the Institute will create a nearby **start-up incubator**.

Creative Valley, an acknowledged leader in start-up incubation - has committed to the ISPC project. The objective is to bring together France's stakeholders and to put companies in touch with users and the healthcare and sporting communities.

In order to drive forward commercial projects focused on parasport and disability, the ISPC is building collaborations with the Garches Clinical Investigation Centre (CIC-1429), the Garches Foundation, the Hospitalicity project in Les Mureaux, the Paris Public Hospital Group (APHP)'s Directorate for Clinical Research and of Innovation, and the technology transfer offices at Paris-Saclay University, INSERM, and APHP.



Clinical and technological research is poised to move forward

The ISPC will host the UMR 1179 END-ICAP research group that has already committed to the innovation programme launched in 2020 at Raymond Poincaré Hospital and the Simone Veil Faculty of Health Sciences at UVSQ – Paris-Saclay University.

We have already launched parasport evaluation programmes, following the creation of a connected gym. These programmes will feed into our database and pave the way to the ISPC's first scientific publications.





PARASPORT, HEALTH & TRAINING

Training the healthcare and sports professionals who work to broaden participation and promote health through parasport

Our diagnosis, experience and thoughts : healthcare professionals tend to hold back disabled people from getting involved in physical activity and sport - notably due to a lack of initial training, poor awareness, and the absence of a local enabling network.

The ISPC's recommendation: the ISPC's training activity will encompass initial training and continuing professional education (CPE) for people working in the fields of healthcare and sport.

The university education activity (with undergraduate and postgraduate degrees) is closely linked to the UVSQ. The university's CPE for healthcare professionals and a "stakeholders in sport" course are targeted at professionals who wish to learn more about parasport.



The ISPC's training programmes will disseminate knowledge and skills to healthcare professionals throughout France - notably by leveraging the Simone Veil Faculty of Health Science's strong positioning in university-level education and training in rehabilitation.

Ultimately, all rehabilitation training courses will be integrated into the same track. The ISPC will support this training by offering university career opportunities to practitioners and researchers.



THE ISPC'S ASSETS AND OPPORTUNITIES

**The ISPC will be an exceptional
and unique venue for the
concentration of expertise
dedicated to parasport-health**

This project has been inspired by a renowned centre of excellence, a proven track record, high-quality research groups, and top-rank support from the French state.

The Connected Parasport Health Institute's assets:

- Part of Paris-Saclay University – France's leading university, ranked 14th in the Shanghai Academic Ranking of World Universities, with a commitment to sport and parasport.
- **Well-structured links** with hospitals in the western Paris region, including Raymond Poincaré Hospital in Garches and Ambroise Paré Hospital in Boulogne-Billancourt.
- **Garches' international reputation** and track record of excellence.
- **Translational research** that feeds back from the lab to the patient.
- Close collaboration with the **French Paralympic Committee** and the **French Parasport Federation**.
- Earmarked real estate in Saint-Quentin-en-Yvelines.
- The on-site presence of several sports federations and companies ready to get involved in this project.

The ISPC: a centre of excellence in parasport and health, with many opportunities for profile-raising and public relations (PR)

The future institute will help to leverage your organisation's management practices and PR campaigns.

ISPC Synergies can offer a variety of channels (in-house programmes, PR, scientific communication, demonstrator projects (at Nef Hôtel-Dieu in Paris, or in Garches), sponsor plaques in the Institute, etc.) and is ready to build a specific partnership with your organisation.

The ISPC will help you to set up actions that embody our shared values:

Implement your policy of social and environmental responsibility
Support your efforts to help everyone to achieve their full potential
Prove your commitment to societal and scientific investments
Capitalize on a strong image and a proven reputation

Reward effort

Federate your employees around this focused project and its key stakeholders

Promote sport for all

Link your investment to education, research and sports training for disabled people

Leverage the reputation of one of France's centres of excellence with a global reputation.

Profit from media coverage of Paris 2024 (before, during and after the event).



The Paris 2024 Paralympics: a powerful PR vector and a universal message

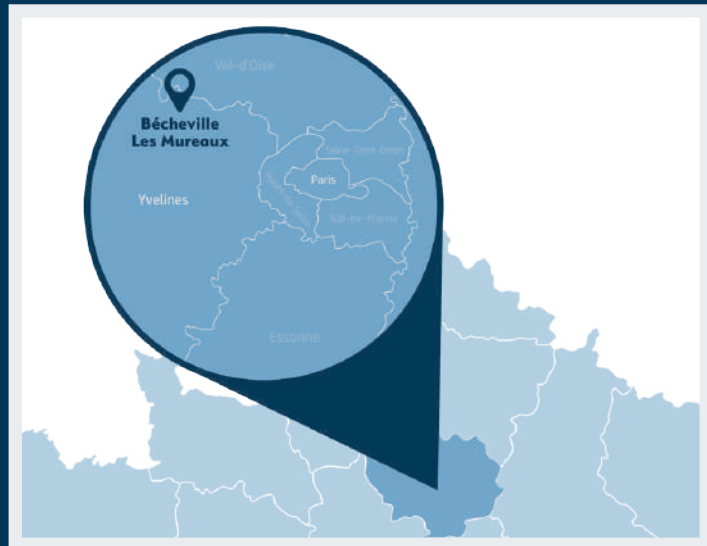
In France, at least 14 million people watched some of the last Winter Paralympic Games (held in Pyeongchang, Korea) on TV, and the francetvsport website streamed 7 million videos.

The French nation's pride in the Paris 2024 Olympics will undoubtedly boost viewing figures.

Furthermore, the French National Book Council is funding a creative project that will describe this exciting adventure driven by "French flair" and which will bring together professional sport, amateur sport, research, sports training and health

The future ISPC project, in Bécheville - Les Mureaux

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WHY YOUR ORGANIZATION SHOULD FUND ISPC SYNERGIES ?

To ensure the long-term success of this solid, accredited project, the initial four-year development phase needs additional funding

In four years we have achieved and obtained the essentials : a feasibility study and economic modelling carried out by the consulting firm Co; agreement of funding has been achieved for the three missions of care, research and training by the AP-HP and the University of Versailles Saint-Quentin-en-Yvelines; commitment for an emphyteutic lease for the future site at Bécheville - Les Mureaux by the department of Yvelines as well as financing of the real estate investment up to 22M €; and official support from the State in the approval of ISPC's inclusion in their projects for «Héritage 2024». The Tego association is also supporting the ISPC project with €5 million.

After this round of fundraising, we are on the brink of a hugely successful project. We want to partner with you for the four years leading to the ISPC's inauguration. This is a vital, strategic time, which we would be most honoured to share with you.

Some major organizations have already joined the project and intend to continue and deepen their involvement:

State bodies

- The Presidency of the French Republic
- The French Ministry of Sport
- The French Ministry of Higher Education, Research, and Innovation
- Versailles Saint-Quentin-en-Yvelines University

Local authorities and other public bodies

- The Ile-de-France Regional Council
- The Yvelines County Council
- The Caisse des Dépôts National Savings Bank
- The Ile-de-France Regional Health Authority
- The Paris Public Hospitals Group (Assistance Publique - Hopitaux de Paris)

The world of sport

- The French National Agency for Sport
- The Paris 2024 Organizing Committee
- The French Paralympic Committee
- The French Parasport Federation
- The French Disabled Golf Association

Other partners

- The MMA Foundation
- The Diderot Institute
- Pour une France en Forme
- Siel bleu
- APF France Handicap
- ESS France
- The African Federation of Orthopedic Technologists (FATO)
- TEGO

Partnership companies

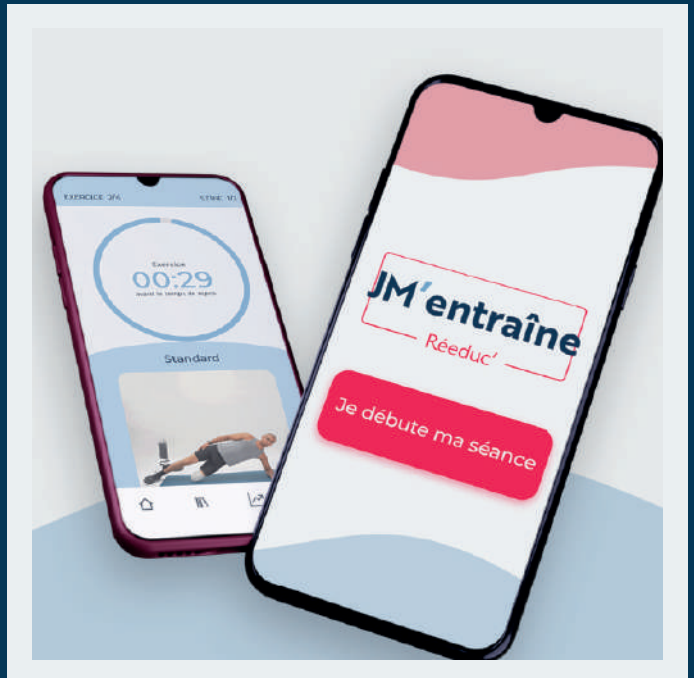
- CNIEG
- Co, Conseil & Stratégies
- IPSEN
- Groupe Lagarrigue-Eqwal
- AbbVie
- Cytisco





ISPC has developed its prototype vehicle adapted for the transport of its users to sports practice sites in order to complete capacity diagnostics. This fully equipped vehicle, significantly improves comfort during these trips.

ISPC has designed a digital application «Jm'entraîne» intended for all people with disabilities wishing to resume or initiate tailored physical activity of health or sport. Based on the user's characteristics and expectations, it establishes a series of fully personalized exercises.



Supervised by Philippe Fourny, the first book of the collection «Regards sur le handicap» was published by Cherche Midi éditeur in November 2022. Contributing authors included : Marie Amélie Le Fur, Thierry Rey, Professor François Genet, Léo Barassin, Dr. Constance Amelon-Petit, Dr. Vincent T. Carpentier, Didier Pradon, Arnaud Litou, Tristan Hauck, Professor Hervé Delacroix, Norbert Krantz, Kevin Therenty & Cytisco.

This publication was supported by eqwal, the National Sports Agency and the French Paralympic and Sports Committee.

THE ISPC THANKS ITS MAIN FINANCIAL PARTNERS



Yvelines
Le Département

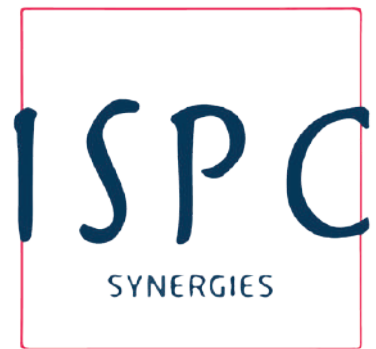
KLÉSIA
Assureur d'intérêt général
*avec le soutien de ses institutions
de retraite complémentaire*



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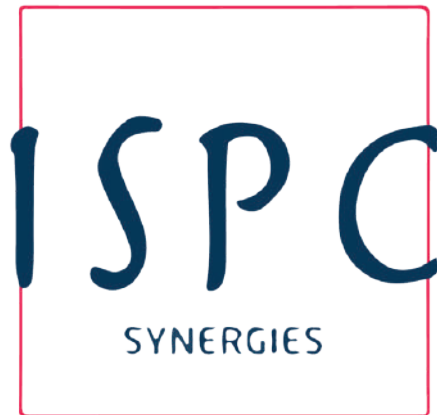
The ISPC's team





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Designed and created by **Cytisco**

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updates on the project,
scan this QR code :

