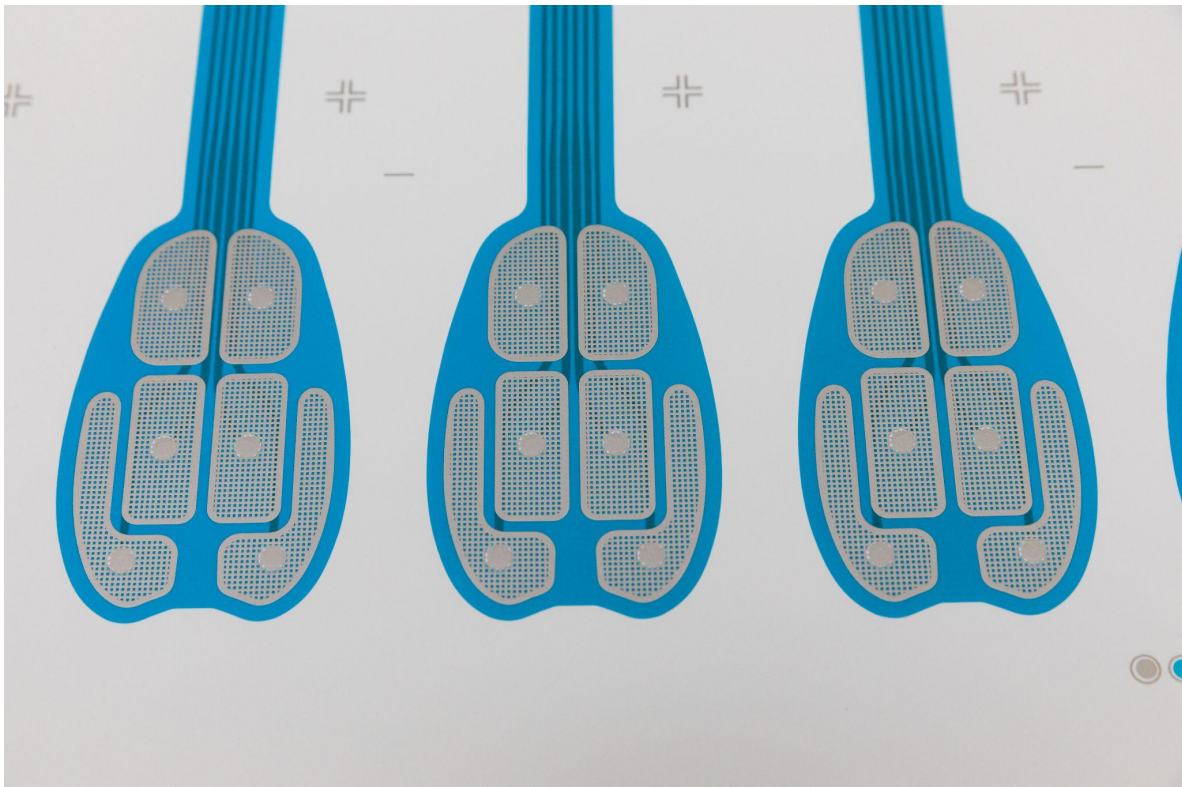


Healthcare: what are the benefits of wearable devices?



Strong transformations have happened in recent years. Covid outbreak had a tremendous impact on our lives and our practices, encouraging and accelerating technological and social changes at many levels. Most obvious is of course teleworking and home delivery as response to lock down and travel restrictions, **but it has also modified our perception of medical innovations that was already happening in healthcare, all looking after the same objective: avoid unnecessary visits to hospital and physicians to reduce occupation and face medical staff reduction.**

Markets are already moving on with these technologies. United States before anyone else, followed by Europe and Asia Pacific region. This is directly linked to the fact these regions are facing an ageing population with the challenge related to chronic diseases, and an increased awareness of infectious diseases.

All-in-all, the benefits of the new wearable “smart-patches” are multiple and significant. Alix Joseph, New Ventures HealthCare Director at Linxens have listed 5 major benefits to both clinicians, patients and society:

1. **Continuous monitoring:** Unlocking easy continuous monitoring of various physiological parameters such as heartbeat, temperature or breathing (but not only), it provides a complete picture of patients' vital signs, not only a snapshot.
2. **Remote monitoring:** Connected to smartphones or other devices, they allow patients to send data to healthcare providers remotely. This can help to identify problems early and improve the management of chronic conditions.
3. **Early detection:** Continuous monitoring allows for early detection of changes in patients' health leads to early treatment and then better outcomes.
4. **Personalized medicine:** Monitoring and tracking individual patients' health metrics, providing valuable information could be used to develop personalized treatment plans.
5. **Cost-effective:** Being disposable and less expensive than other traditional medical devices and lab tests, it makes them more accessible for patients and healthcare providers.

Linxens is working on the vertical integration of the different pieces in these wearable medical devices to ensure the easier and faster development, focusing on robust and reliable solutions. The expertise gained in the past decades in mass production for flexible electronics leads to a unique capacity to propose cost-effective complex solutions for medical partners, both for biosensors, design, converting and secured data transfer.

If you wish to discuss with Alix Joseph, New Ventures HealthCare Director at Linxens, do not hesitate to contact us.

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About Linxens:

Linxens is a leading technology company providing secure component-based solutions for security, identification and healthcare. Linxens is a world-class designer and manufacturer of micro-connectors for smart cards, RFID antennas and inlays, and module packaging. With more than 110 billion micro-connectors and 5 billion RFID antennas supplied to date, Linxens is the partner of choice for many of the world's technology pioneers who are shaping the telecommunications, transportation, hospitality, leisure and entertainment, financial services, government, access control, healthcare and Internet of Things (IoT) markets. Linxens is headquartered in France and employs 3,000 people worldwide.
For more information: <https://www.linxens.com/>