



ColdaMed

New Materials & Nanotech, Healthcare,
Medical Technology

The Opportunity

Problem: Cold sprays may cause short and undesirably strong cooling effects which can easily lead to skin and tissue damage or destruction of the superficial lymph channels. Furthermore, the effect of the cold spray works for the duration of the application only.

Solution: If one combines the "liquid-solid" phase change of a formulation component with the cooling evaporation effect of cold spray, the generated cold stimulus may gently extended by the freezing and re-melting of the phase change material.

The High-Tech

The technological key aspects of our activities are the development and upscaling of aerosol formulations (emulsions), the design of a suitable application system (spray set-up) as well as test fence developments to correlate medical application results (proband studies) with thermal measurements in the lab.

co-founder(s)
needed

full founding team
needed

TEAM

- Core competencies in team: *R&D, Engineering & Production, Marketing, Market Analysis*
- Future role of the current team: *Co-founders (Sales, Management, Technological Development)*
- Offer for Pioneers: *Looking for a business co-founders as CEO*

TECHNOLOGY

- TRL: 5
- Time to market: *1-2 years*
- IP: *Patent Application WO 2017121716*
- Unfair advantage: *unique performance features like "gentle and long lasting"*