

## Accapi Scientific Research

### Completed Studies

**1. Dr Renzo Grassi** – University of Pisa (Department of Physics of Maths Science) and Engineer Giovanni Polacco (Department of Industrial Chemistry Engineering)

**Study on Nexus fibre and infra red emission** - New Science protocol created

- **Conclusive evidence that Nexus emits infrared rays**

**2. Dr Carlo Giammattei and Dr Enrico Orsoni** – Sports Medicine Department, University of Lucca

#### **Nexus Fibre effect on cycling performance**

- Group of 6 cyclists in study
- i. Cardiac frequency at the second anaerobic limit
- ii. VO2 Max
- iii. Watt power at the second anaerobic limit
  
- Average improvements due to Nexus quantified as follows
- i. VO2 Max Maximal power - +10.2 watt; +0.17 watt/kg
- ii. Watt power at the second anaerobic limit - +13.7 watt; +0.22watt/kg
- The study noted that there was an increase of average power during the whole test of +6.3 watt

#### **It is confirmed that Nexus:**

- **Promotes cellular metabolism**
- **Increases muscular capillarization**
- **Improves muscle cells oxygenation & therefore their activity and metabolism**

**3. Dr Luca Giovanni** – University of Pisa (Department of Neurology of Medicine and Surgery)

#### **Photonizer: study on the Photonizer's hydration improvement properties**

New Science protocol created  
Demonstrated the enhanced hydration properties of 'modified' water produced by Photonizer

- **Study concludes that athletic performance is improved by Photonized water through the enhanced hydration properties & there are no harmful effects**

**4. Dr Villiam Amighetti** – Sports Doctor/Postural and biomechanical consultant to the Italian Olympic Skiing Team, Team Aprilla Digital, Asystel Volley, CSC Tiscali, Lampre and Gerolsteiner

**Bodyguard line:** study on the relation between Nexus fibre and body thermo regulation

One year study on 200 people produced 2500 thermographic shots



Nexus showed outstanding results in reducing inflammation, increasing micro-circulation and accelerating healing process

- **Accapi achieved CE mark for bodyguard line as 'Medical Devices' from the Italian Health Ministry**

## Ongoing Studies

**1. Dr Claudio Zignin** – University of Turin (Teacher of Motor and Supportive Sciences, University of Turin)

Study of the effect of Nexus trousers on the strength, stamina and aerobic limit 50 healthy people

- **Unofficial results already show a significant improvement of the aerobic limit**

**2. Dr Vincenzo Lancini** – Physiotherapist specialized in Tecar therapy at the Physiotherapy and Rehab centre of Boario Terme Park Resort

Study of the effect of Nexus clothing on overtraining

- **Goal is to create a new protocol determining that Nexus clothing prevents the risks of overtraining**

**3. Dr Riccardo Molinari** – Physiologist of Sport, Trainer of the Italian Cycling Federation, creator of the Sport Training Development Centre in Eupilio (Como)

Study evaluating the effects of Nexus products on lactic acid which will result in a medical publication in collaboration with the University of Dublin

- **Goal is to establish that Nexus clothing will reduce the production of lactic acid**