Bonalive® putty

Bonalive® putty has specifically been designed to possess ideal handling properties for spine and neurosurgical procedures. It is a ready-to-use and highly moldable biomaterial, that regenerates bone effectively.

Bonalive® putty contains bioactive glass S53P4 that is osteoconductive and osteostimulative*. In addition, it contains a water-soluble synthetic binder which is a blend of polyethylene glycols (PEGs) and glycerol that acts as a temporary binding agent for the bioactive glass.

After implantation the binder is absorbed within a few days, leaving behind only the bioactive glass, thus permitting tissue infiltration between the granules to facilitate the regeneration of bone.

Main Properties

- Highly moldable, allowing it to be easily mixed with autograft and packed in e.g. interbody fusion cages
- Can be injected into the interbody space before cage implantation
- Stays in place, i.e. does not dissolve or wash away during the implantation

Indication

- Filling of bony voids and gaps

Official Product Claim

- Osteostimulative*

*non-osteoinductive

Contact

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Bonalive Spine Fusion Live Surgery

– October 2018

Invitation

October 22–23, 2018
Turku University Hospital | Turku, Finland

Join us for this live surgery course to experience the advantages of Bonalive® putty in spine surgery!

TYKS TURKU UNIVERSITY HOSPITAL

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Bonalive Spine Fusion Live Surgery
– October 2018

Welcome

We welcome you to participate in a spine live surgery course hosted by Adjunct prof. Janek Frantzén in the city of Turku in South-Western Finland.

The spine fusion surgery will be performed at the Turku University Hospital (TYKS) using the bioactive glass product, Bonalive® putty for bone regeneration. The use of a navigation device and O-arm surgical imaging system will also be demonstrated.

Please find the preliminary agenda attached and further information below.

- **Product:**
  Bonalive® putty (Bonalive Biomaterials)
  www.bonalive.com
- **Surgical procedure:**
  Interbody fusion or posterolateral fusion
- **Operating surgeon:**
  Adjunct prof. Janek Frantzén, MD, PhD, Consultant Neurosurgeon, Turku University Hospital, Finland

The occasion will provide us all with an excellent opportunity for discussion and comparison of experiences from different centers.

Welcome!

Sincerely,
Bonalive Biomaterials Ltd in collaboration with Adjunct prof. Janek Frantzén and Turku University Hospital, Finland

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Monday October 22, 2018
Turku, Finland

Afternoon 16.00–17.00	**Arrival in Turku and hotel check-in** **Bonalive Biomaterials factory visit** Biolinja 12, Turku • Welcome • Company introduction • Introduction to the Bonalive® bioactive glass technology • Bonalive manufacturing presentation • Bonalive factory roundtour
19.00	**Presentation of the patient case and dinner** Restaurant Tintå, Läntinen Rantakatu 9, Turku

Tuesday October 23, 2018
T-Hospital of Turku University Hospital
Hämeentie 11, 20521 Turku

08.15	Transportation to T-Hospital, Turku University Hospital
09.00–14.00	**Live surgery**
14.00–14.30	Lunch
14.30–15.00	**Bioactive glass in spine surgery** Presentation by Adjunct prof. Janek Frantzén
15.00	Farewell

Image: Bonalive® putty in spine surgery – March 2016, Turku, Finland

Registration

Registration fee:	Free of charge
Registration deadline:	September 31, 2018
Please register to:	**linn-sophie.bodo@bonalive.com**
Maximum amount of participants:	3 medical experts

Included in the course

- Hotel accommodation for 1 night October 22-23
- Dinner on October 22
- Lunch October 23
- Course participation and course material