



Crunch^{Plus}

Allovalance[®] Osteoinductive Crunch^{Plus} combines the unique NanoXpose[™] processed Allovalance[®] Crunch with the innovative PureCleanse[™] and patented osteoinductive Demineralized Bone Fibre (DBF) processed Allovalance[®] Fibre Mat.

These particular allografts have been specially chosen as they complement each other to create the ideal bone allograft.



For more information
and to view the product video please
scan the QR code with your phone.

Australian
Biotechnologies

Life Enhancing Allografts

Australian Made. Australian Science.

Phone: 1800 472 387 Email: graftorders@ausbiotech.com.au Web: ausbiotech.com.au

Osteoinductive Statement:

- Demineralized bone allografts must be carefully processed to retain their biological potential.
- Allovance® Osteoinductive grafts are only released after each batch is able to successfully demonstrate the osteoinductivity of the material using the 'gold standard' *in vivo* model through an independent, TGA licensed facility¹⁻⁴.
- Allovance® Osteoinductive grafts are backed by real time stability studies demonstrating the osteoinductivity of the grafts is retained for the whole shelf life, as per TGA requirements⁵⁻⁶.

Key features:

- Provides excellent intraoperative handling properties
- Swells to conform to the surgical site, creating a continuous scaffold
- Exposed nanotopography^{7,8} increases porosity, vascularisation and contact surface area
- Supplied frozen.

Description	Size	Total weight	Code
Allovance® Crunch Plus *	Small	3g	AB-BK101
Allovance® Crunch Plus *	Medium	8.5g	AB-BK102

*100% HIC rebatable



Osteoinductive bone fibres



**Combined with
osteoconductive granules**



**Provides one effective
bone grafting solution**

Honouring the gift of donation, Australian Biotechnologies manufactures and distributes life enhancing allograft tissue products for the Australian community, in partnership with:



Health
NSW Organ & Tissue
Donation Service



Australian
Tissue Donation
Network™



References

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2. Australian Code of Good Manufacturing Practice for human blood and blood components, human tissues and human cellular products, V1.0, April 2013
3. ASTM F2529-13 Standard Guide for *in vivo* Evaluation of Osteo-inductive Potential
4. Katz JM, Nataraj C, Jaw R, Deigl E, Bursac P. Demineralized bone matrix as an osteoinductive biomaterial and *in vitro* predictors of its biological potential. *J Biomed Mater Res B Appl Biomater* 2009;89(1):127–34.
5. L. Shimp, "Heat resistance of allograft tissue," *Cell Tissue Bank.*, vol. 9, no. 4, pp. 259–266, Dec. 2008.
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8. Data on file. *In Vitro* Evaluation of Allovance® Fibres. Australian Biotechnologies Pty Ltd & Surgical and Orthopaedic Research Laboratories (2018).