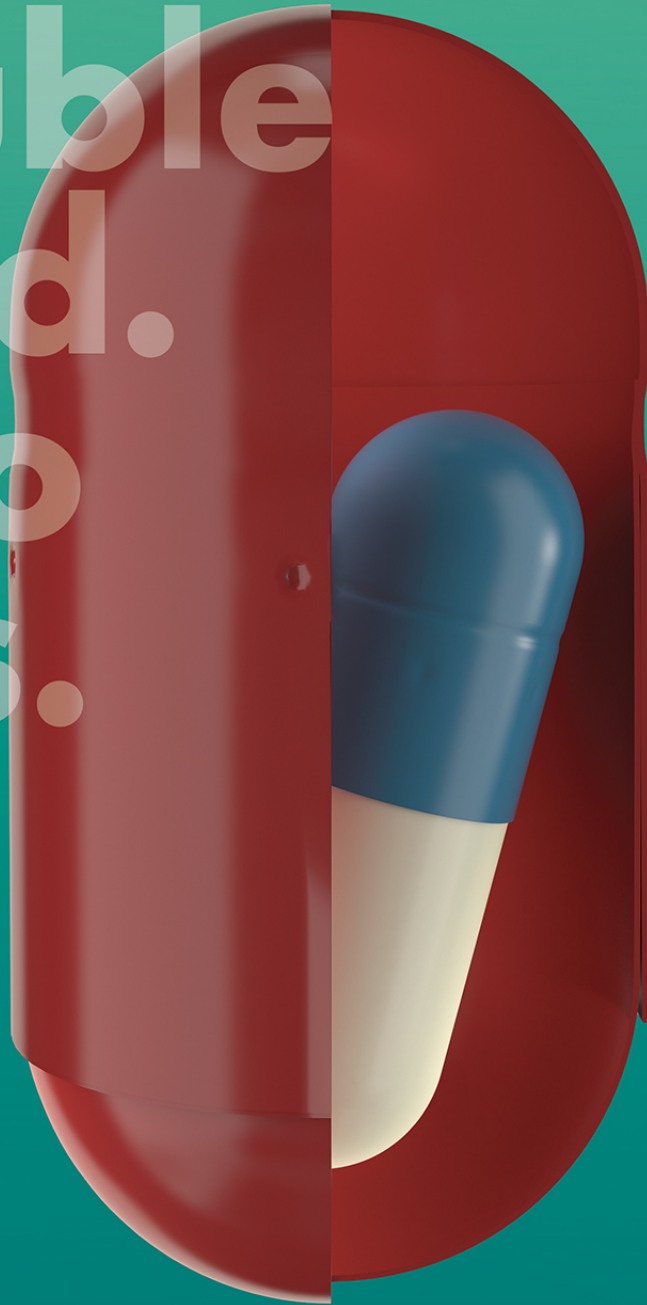


Capsugel®

LONZA

Double  
blind.  
Zero  
bias.



Capsugel®  
DBcaps®  
capsules



Available in multiple  
polymers and sizes



Tamper-evident design  
Ideal for double-blind clinical trials



Support the over-encapsulation  
of 90% of the marketed  
solid oral dosage forms

**Made better. By science.™**

Want to know more?  
Visit [www.capsugel.com](http://www.capsugel.com)



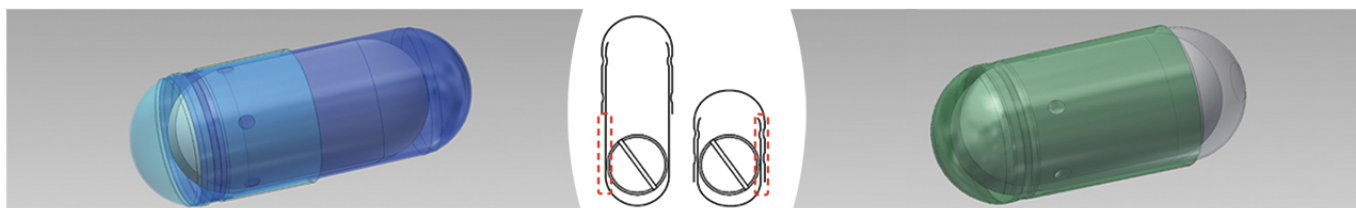
**Dual locking ring**  
**Extended cap length**  
**Double layer of opaque material**

**Our offer**      **DBcaps® capsules**

An over-encapsulation solution with a tamper-evident design addressing the clinical trial challenge of testing without bias.

Features	Benefits
• Wide size range available supporting over-encapsulation of 90% of marketed solid oral dosage forms.	• Speed to clinic, no change in dosage form properties, easy blinding process.
• Design with double opaque layer of cap over body.	• Avoid “breaking the blind” through visual recognition.
• Difficult for patient to open.	• Avoid “breaking the blind” through opening the capsule.
• Available in gelatin and HPMC.	• Ability to adapt your study to the blinding form characteristics.
• Can be used on a wide choice of capsule filling machines – brands and outputs.	• Easy blinding process, speed to clinic.
• Compact size.	• Easier to swallow than a standard capsule.
• Specific design with limited visible part of the body.	• Differentiated outlook for the dosage form.

**Design is key**



**Standard capsule design**

Risks for “breaking the blind” linked to single layer of material on body in closed position

**DBcaps® capsule design**

Unique design of cap on body in closed position ensures more opacity and reinforces the blind

For more information send an email to (AMER) [solutions@lonza.com](mailto:solutions@lonza.com) or (EMEA) [solutions.emea@lonza.com](mailto:solutions.emea@lonza.com) or (APAC) [solutions.apac@lonza.com](mailto:solutions.apac@lonza.com) or contact your Lonza representative.