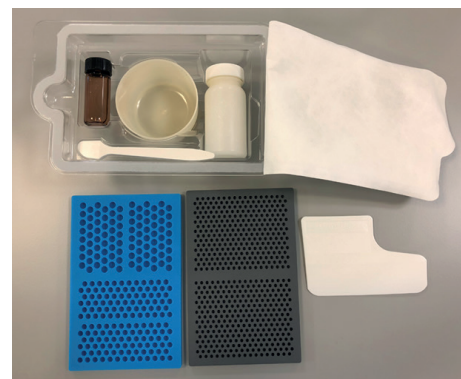


Competitor Fact Sheet: Synthecure™



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Feature	STIMULAN®	Synthecure™ Austin Medical Ventures, Inc.
Composition	Powder: Pharmaceutical-grade CaSO_4 Mixing solution: Sterile water	Powder: Medical-grade CaSO_4 Mixing solution: Unknown aqueous solution ⁴
Cleared for infected sites	Yes ¹	Yes ⁴
Available sizes	Rapid Cure: 3cc, 5cc, 10cc, 20cc Kit: 5cc, 10cc	5cc, 10cc, 20cc
Setting options and times	Rapid Cure: 4 minutes Kit (Standard set): 8 minutes	Rapid cure: 4 minutes ^{5, 6}
Formats	3 bead sizes, 2 bullet sizes, paste, injectable	3 bead sizes, paste, injectable ⁴
Bead and bullet sizes	3.0mm, 4.8mm, 6.0mm beads 7.0mm, 9.0mm bullets	3.0mm, 4.8mm, 6.0mm beads ^{5, 6}
Bead or bullet mat included	<ul style="list-style-type: none"> Universal bead mats are included in 5cc, 10cc and 20cc boxes A combination bead and bullet mat is included in the 3cc box A bullet mat and introducer system is available for order 	Two single-sided non-universal bead mats included in each box ^{5, 6}
Impurities	No impurities ²	No impurities ²
Claimed absorption rate	4-8 weeks ¹	4-8 weeks ⁴
Fully absorbs	Yes ¹	Yes ²
pH	Physiologic ²	Acidic ²

Feature	STIMULAN [®]	Synthecure [™] Austin Medical Ventures, Inc.
Hydrophilic or Hydrophobic	Hydrophilic ²	Hydrophilic ⁵
Porosity/Degradation rate	Low/Low ²	High/High ²
Compressive strength	14.96 MPa ²	4.58 MPa ²
Third body damage	No third body damage to articulating surfaces ²	May cause third body damage ²
Peer-reviewed evidence	382 ²	1
Key selling points and weaknesses	(+) Can be used at infected sites ¹ (+) Only STIMULAN undergoes a proprietary DRy26 [®] recrystallization method which consists of 26 steps over 6 weeks and results in its consistent and reliable performance ³ (+) Fully absorbs at an optimal rate ² (+) Standard set option available (+) Bullet format available (+) Physiologic pH ² (+) 3 times stronger in compressive strength ² (+) Peer-reviewed evidence to support the use of STIMULAN ² (+) Comprehensive support network for our customers and hospitals (+) 50,000 cases per year ²	(+) Can be used at infected sites ⁴ (+) Claims to be equivalent to STIMULAN ⁷ (-) Highly porous and degrades at a rapid rate ² (-) May absorb faster than 4-8 weeks ² (-) No standard set option available ^{4, 5, 6} (-) Acidic pH (<7) ² (-) Low compressive strength ² (-) Limited data or publications to support efficacy (-) Limited direct field support to customers and hospitals * (+) = competitor selling points (-) = competitor weaknesses

References:

1. Biocomposites Ltd, STIMULAN Instructions for Use.
2. Biocomposites, Data on file.
3. Cooper, J.J., Method of producing surgical grade calcium sulphate; Patent. 1999.
4. Austin Medical Ventures, Synthecure Instructions for Use, Rev. February 21, 2018.
5. Austin Medical Ventures, Synthecure product brochure.
6. <https://www.synthecure.com/products>.
7. Austin Medical Ventures, Synthecure sales representative education document.

For indications, contraindications, warnings and precautions see Instructions for Use. Concurrent use of locally administered antibiotics may affect setting time. This brochure may include the use of STIMULAN or techniques that go beyond the current clearance/approval granted by the relevant regulatory authority. Please contact your local representative for further information.

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Patents granted: GB2367552, EP I204599 B1, US 6780391, EP 2594231 B1, US 88883063, CN ZL201210466117.X, GB2496710, EP 3058899 B1, US I0390954
 Patents pending: GB1502655.2, US I5/040075, CN 201610089710.5, GB1704688.9, EP I8275044.8, US I5/933936, CN I08619579A

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