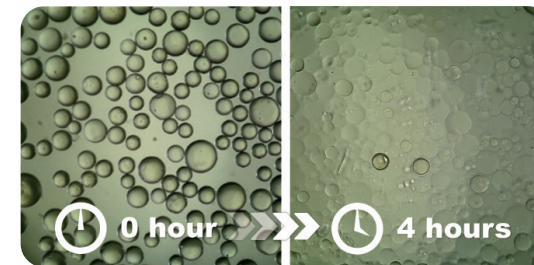
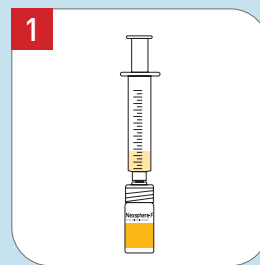


Nexsphere-F™

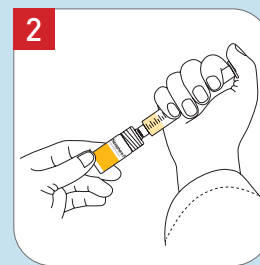
Fast Resorbable Embolic Microsphere



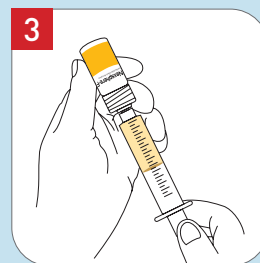
Introduction for Use



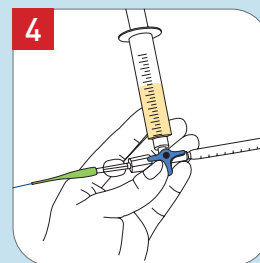
Inject the saline into Nexsphere-F™ vial using luer lock syringe and shake to disperse and hydrate microspheres



Inject the contrast medium into Nexsphere-F™ vial with saline using luer lock syringe and shake for minutes to mix the contents



Transfer the mixed contents to a syringe



Inject the mixed Nexsphere-F™ contents into the lesion via a standard catheter

Product description

Product name	Size of microsphere	Quantity
Nexsphere-F™	100~300µm	200mg

OCCLUSION.
DISSOLUTION.
RIGHT TIMING.



Global Company of Innovative Medical Devices for Clinical Unmet Needs

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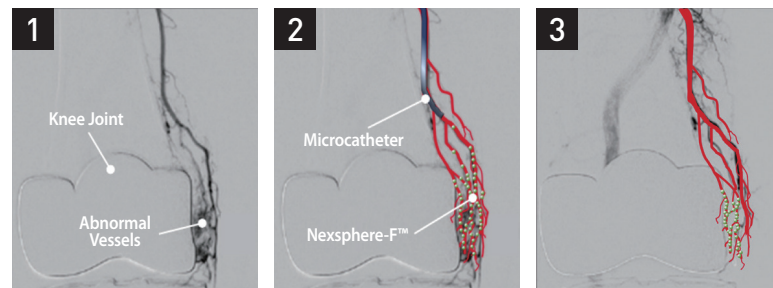
KARDIA
ASAHI INTECC Group

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20151 Milano - Italy
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6, Venture-ro 100beon-gil, Yeonsu-gu, Incheon, Republic of Korea, 22013
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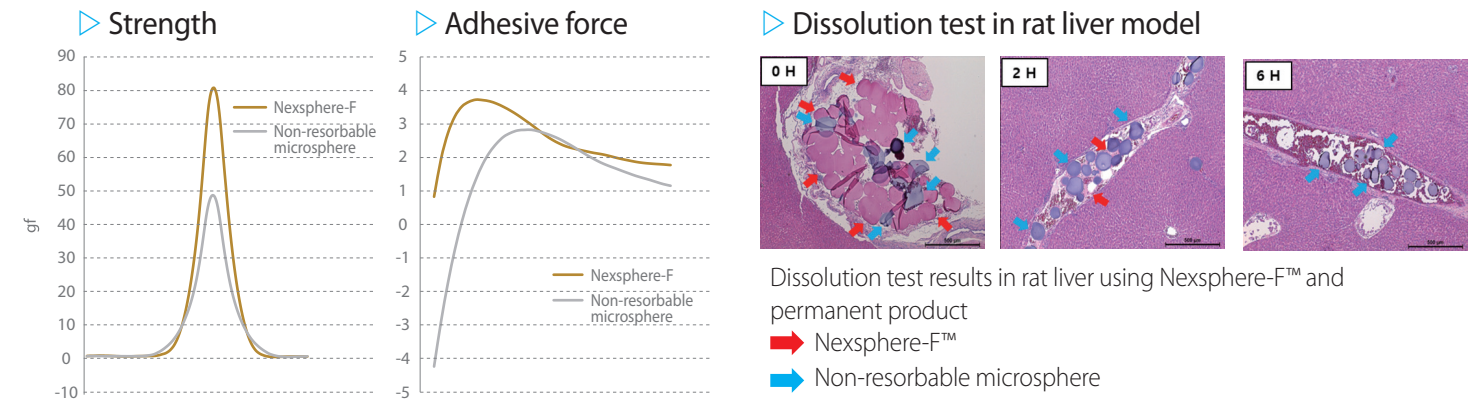


| Musculoskeletal(MSK) Embolization |



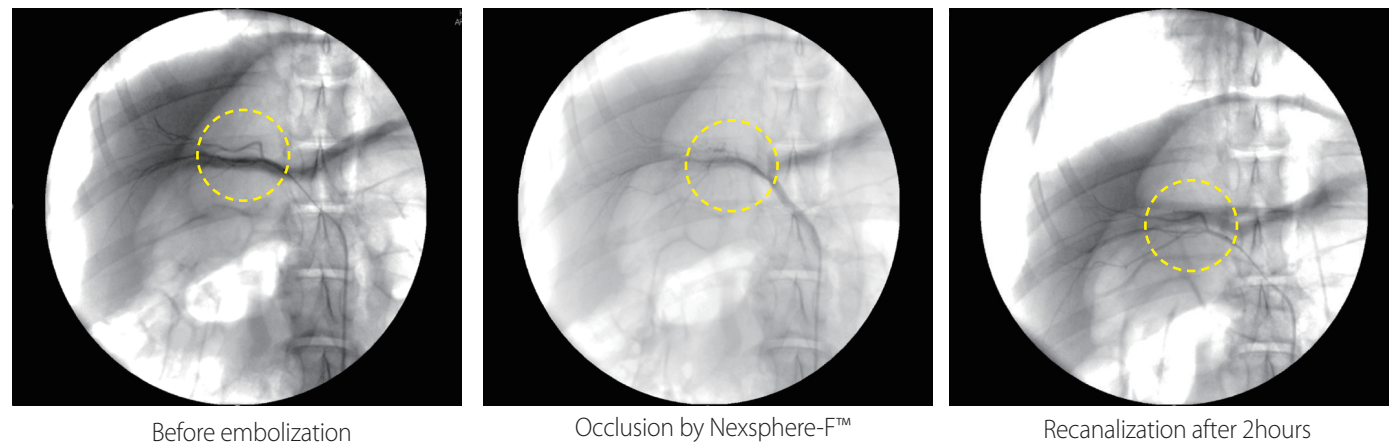
- 1 Musculoskeletal Pain**
Abnormal vessels in inflamed tissues promote nerve cell growth and cause musculoskeletal pain.
- 2 Procedure**
Nexsphere-F™ induces embolization by targeting abnormal vessels during the MSKE procedure.
- 3 Pain Relief**
After abnormal vessels are occluded and nerve cells are damaged, providing relief from pain.

| Bench & In vivo test |

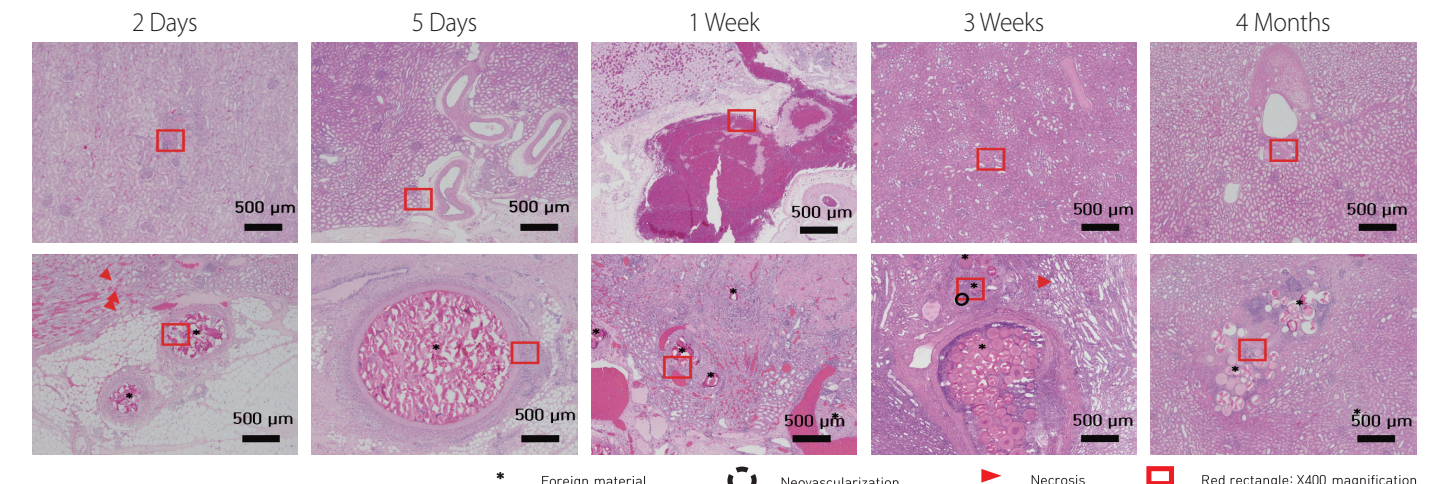


| Pre-clinical test |

▷ Embolization & Recanalization performance of Nexsphere-F™ in porcine model



▷ Histopathological Examination (Foreign materials)



- All Nexsphere-F™ microspheres were resorbed and disappeared at 2 days after the application.
- Non-resorbable microsphere remained all through 4 months.

| Clinical case(Sports injury) |

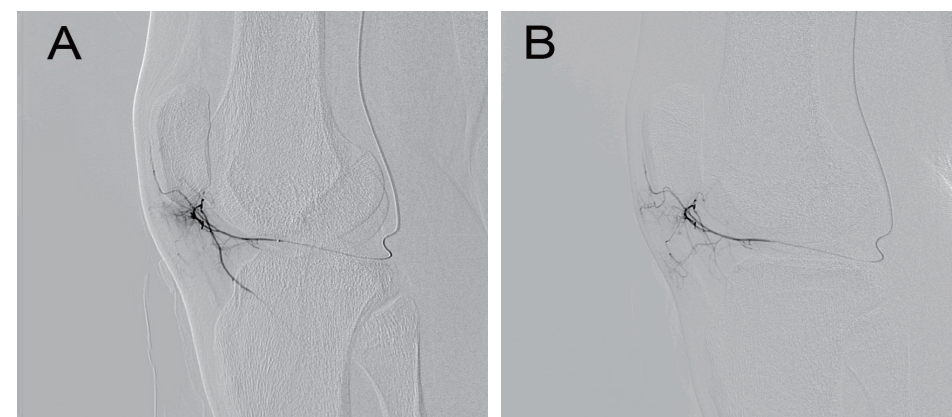
Case 1.



▷ 24/M, patellar tendinopathy in right knee

10 min after: The NRS of pain due to point tenderness decreased from 7 to 1
1 week after: intensity of the pain decreased from 8 to 1 during exercise
2 months after: pain score dropped to 0

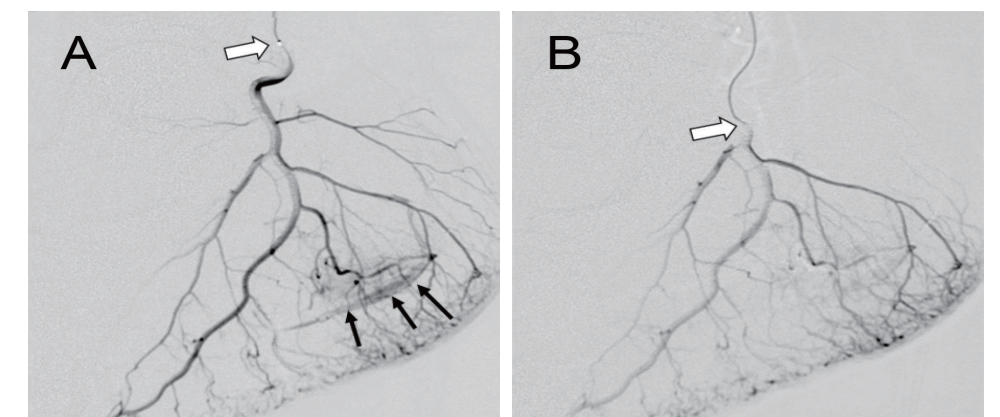
Case 2.



▷ 30/F, pes anserine bursitis in right knee

Two weeks after embolization using Nexsphere-F, her pain intensity decreased by 60%, and she could resume to light running exercise. Also, she has been able to play over a year and a half without experiencing recurrence of the pain.

Case 3.



▷ 60/F, plantar fasciitis in right heel

initial improvement : NRS for pain intensity decreased from 7 to 3
1 month after: 70% reduction in intensity
3 months after: no pain in the affected heel in everyday and sports playing.
The planter fascia decreased from 6.1 to 3.9mm.