



**2024/25
ALLOGRAFT CATALOGUE**



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Our Partners

Joint Operations specialises in providing UK orthopaedic surgeons with the highest quality and most widely available allograft solutions in the industry.

From our HTA licensed facility, we provide innovative allograft joint preservation solutions to orthopaedic surgeons who focus on helping patients regain movement and improve their quality of life.

Our partners: Allosource, JRF, Lifelink, Biobank and NHS Wrightington are re-defining the standard of allograft provision in the UK. This unique relationship with our overseas and UK partners enables us to offer the largest selection of specialised graft solutions and high-viability fresh osteochondral grafts in the industry.



Joint Operations is one of the leading suppliers of allograft tendons in the UK.

Through strict donor qualifications, disease and tendonitis screening and the patented AlloTrue™ cleansing process, you can be confident in the safety and quality of your allograft.

Allograft tendon features:

- Disease and tendonitis evaluation
- Patented AlloTrue™ cleansing process
- Quality tissue
- Sterilised or aseptic options
- Same day service
- Five-day icebox
- Specialists in orthopaedics

CANCELLOUS CRUSHED

(-1-4 mm particle size)
Storage: Frozen & ambient



Volume	Preservation	Ref
5cc	Freeze-dried	27715005
5cc	Frozen	27717005
15cc	Freeze-dried	27715015
15cc	Frozen	27717015
30cc	Freeze-dried	27715030
30cc	Frozen	27717030
60cc	Freeze-dried	27715060
60cc	Frozen	27717060
90cc	Freeze-dried	27715090
90cc	Frozen	27717090

CANCELLOUS CHIPS

(1-9.5mm particle size)
Storage: Frozen & ambient



Volume	Preservation	Ref
10cc	Freeze-dried	27515010
10cc	Frozen	27517010
15cc	Freeze-dried	27515015
15cc	Frozen	27517015
30cc	Freeze-dried	27515030
30cc	Frozen	27517030
50cc	Freeze-dried	27515050
50cc	Frozen	27517050
90cc	Freeze-dried	27515090
90cc	Frozen	27517090

CANCELLOUS CHIPS

(-4-9.5mm particle size)
Storage: Frozen & ambient



Volume	Preservation	Ref
5cc	Freeze-dried	27615005
15cc	Frozen	27617015
15cc	Freeze-dried	27615015
30cc	Frozen	27617030
30cc	Freeze-dried	27615030
60cc	Freeze-dried	27615060
90cc	Freeze-dried	27615090

CORTICAL / CANCELLOUS CHIPS

(-1-9.5 mm particle size)
Storage: Frozen & ambient



Volume	Preservation	Ref
15cc	Freeze-dried	11515015
15cc	Frozen	11517015
30cc	Freeze-dried	11515030
30cc	Frozen	11517030

Note: Volume ratio is 1:4, cortical:cancellous

CANCELLOUS CUBES

(-1 cm³ cube size)
Storage: Ambient

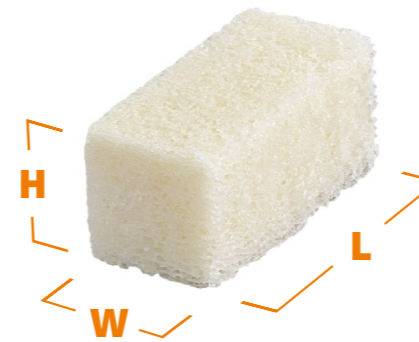


Volume	Preservation	Ref
15cc	Freeze-dried	11215015
30cc	Frozen	11215030

Note: All sizes allow for +3/-0 cubes

CANCELLOUS BLOCK

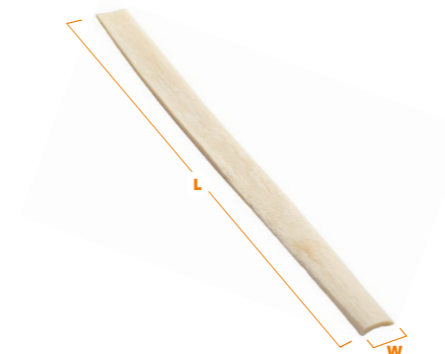
Storage: Ambient



Length	Width	Height	Ref
3.0cm	1.5cm	1.5cm	10915000

CORTICAL STRUTS

Storage: Frozen & ambient



Length	Width	Preservation	Ref
≤10cm	≥1cm	Freeze-dried	12115010
≤10cm	≥1cm	Frozen	12117010
11-24cm	≥2cm	Freeze-dried	12115024
11-24cm	≥2cm	Frozen	12117024
≤25cm	≥2cm	Freeze-dried	12115025
≤25cm	≥2cm	Frozen	12117025

FRESH FROZEN FEMORAL HEADS
Storage: Frozen


Description	Preservation	Ref
Femoral head 100g+	Frozen	FEMHEAD 100+
Femoral head 50-59g	Frozen	FEMHEAD 50
Femoral head 60-69g	Frozen	FEMHEAD 60
Femoral head 70-79g	Frozen	FEMHEAD 70
Femoral head 80-89g	Frozen	FEMHEAD 80
Femoral head 90-99g	Frozen	FEMHEAD 90

Joint Operations distributes tissue for Wrightington, Wigan and Leigh NHS Foundation Trust, providing fresh frozen femoral heads to UK hospitals.

Processed and supplied by the NHS and distributed by Joint Operations, this is a unique partnership between the NHS and industry with a culmination of 30 years expertise and experience.

The donated allografts are from donors living in the UK and harvested during total hip replacement procedures at Wrightington Hospital.

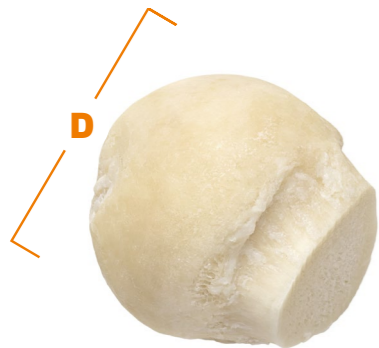
The grafts are tested for serology and bone weight before release.


**ALLOFUSE® GEL
DEMINERALISED BONE MATRIX**
Storage: Ambient

Volume	Ref
1cc	90138001
5cc	90138005
10cc	90138010

**ALLOFUSE® PUTTY
DEMINERALISED BONE MATRIX**
Storage: Ambient


Volume	Ref
1cc	90038001
2.5cc	90038002
5cc	90038005
10cc	90038010


FEMORAL HEADS W/O CARTILAGE
Storage: Frozen

Diameter	Preservation	Ref
≤4.7cm	Frozen	14817047
≥4.8cm	Frozen	14817048


**ALLOFUSE® PLUS PASTE
DEMINERALISED BONE MATRIX WITH CANCELLOUS**
Storage: Ambient

Volume	Ref
1cc	90238001
3cc	90238003
8cc	90238008


**ALLOFUSE® PLUS PUTTY
DEMINERALISED BONE MATRIX WITH CANCELLOUS**
Storage: Ambient

Volume	Ref
5cc	90338005
10cc	90338010

ALLOFUSE® DBM FIBRES
DEMINERALISED BONE

Storage: Ambient

Volume	Ref
1cc	88231001
5cc	88231005
10cc	88231010



ALLOFUSE® MICRO DBM FIBRES
DEMINERALISED BONE

Storage: Ambient

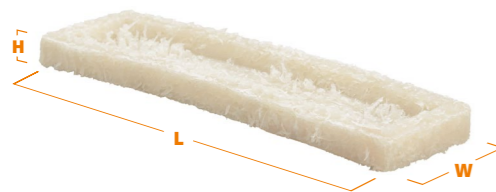
Volume	Ref
1cc	88241001
5cc	88241005
10cc	88241010



ALLOFUSE® DBM FIBRE BOATS
DEMINERALISED BONE

Storage: Ambient

Size	Length	Width	Height	Volume	Ref
Small	50mm	25mm	6mm	5cc	88031050
Large	100mm	25mm	6mm	10cc	88031100



CANCELLOUS BONE DOWEL SET

Storage: Ambient

Freeze-dried cancellous bone dowels, bullet tipped and fully cannulated. Minimum length 27mm in 1mm increments 9-14mm diameters.

Height	Diameter	Ref
28mm	9mm	900909
28mm	10mm	900910
28mm	11mm	900911
28mm	12mm	900912
28mm	13mm	900913
28mm	14mm	900914



UNICORTICAL DOWELS W/O CARTILAGE

Storage: Frozen & ambient

Diameter	Preservation	Ref
11mm	Freeze-dried	14215011
12mm	Freeze-dried	14215012
13mm	Freeze-dried	14215013
14mm	Freeze-dried	14215014
16mm	Freeze-dried	14215016
18mm	Freeze-dried	14215018
20mm	Freeze-dried	14215020

Note: Pilot hole does not extend through graft



BICORTICAL ILIAC DOWEL

Storage: Ambient

Length	Width	Ref
≥8mm	≥11mm	10715000



BONE WEDGES

PRE-CUT TIBIAL ALLOGRAFT WEDGES

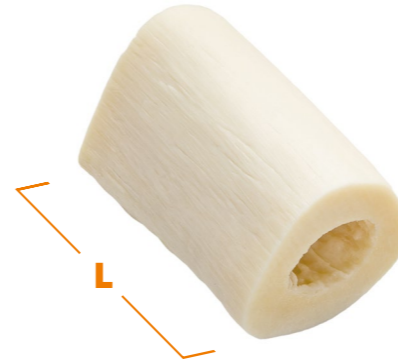


Description	Preservation	Ref
30 x 30 x 6mm	6°	90019
30 x 30 x 8mm	8°	90015
30 x 30 x 10mm	10°	90016
30 x 30 x 12mm	12°	90017
30 x 30 x 14mm	14°	90018

Note: Freeze-dried tibial bone

FEMORAL SHAFTS

Storage: Frozen & ambient



Description	Length	Preservation	Ref
Shaft	16-20.9cm	Freeze-dried	15615016
Shaft	16-20.9cm	Frozen	15617016
Shaft	≥21cm	Freeze-dried	15615021
Shaft	≥21cm	Frozen	15617021
1/2 Split	≤20.9cm	Freeze-dried	15315020
1/2 Split	≤20.9cm	Frozen	15317020
1/2 Split	≥21cm	Freeze-dried	15315021
1/2 Split	≥21cm	Frozen	15317021
1/3 Split	≤20.9cm	Freeze-dried	15415020
1/3 Split	≤20.9cm	Frozen	15417020
1/3 Split	≥21cm	Freeze-dried	15415021
1/3 Split	≥21cm	Frozen	15417021

HTO WEDGES WITH CORTICAL RIM

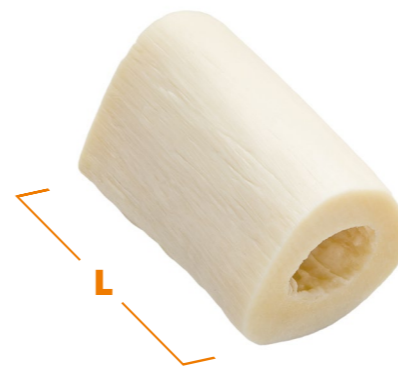
Storage: Freeze-dried



Description	Height 1	Width	Length	Height 2	Ref:
HTO wedge 6°	7.5mm	Measure	Measure 35mm min. 50mm max.	Measure 3mm min.	64A106
HTO wedge 8°	10mm	Measure	Measure 35mm min. 50mm max.	Measure 3mm min.	64A108
HTO wedge 10°	12.5mm	Measure	Measure 35mm min. 50mm max.	Measure 3mm min.	64A110
HTO wedge 12°	15mm	Measure	Measure 35mm min. 50mm max.	Measure 3mm min.	64A112
HTO wedge 14°	17.5mm	Measure	Measure 35mm min. 50mm max.	Measure 3mm min.	64A114

FEMORAL SEGMENTS

Storage: Frozen & ambient



Length	Preservation	Ref
2.6-5.0cm	Freeze-dried	15215005
2.6-5.0cm	Frozen	15217005
5.1-15.9cm	Freeze-dried	15215015
5.1-15.9cm	Frozen	15217015

FIBULAS

Storage: Frozen

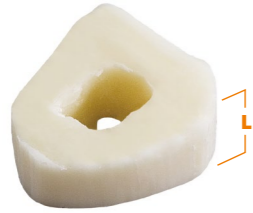


Description	Side	Ref
Whole	Right	16617001
Whole	Left	16617002

FIBULAR RINGS

Storage: Ambient

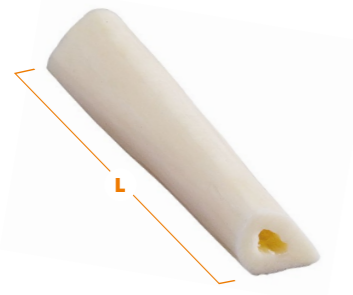
Volume	Preservation	Ref
0.5mm	Freeze-dried	16415005
0.6mm	Freeze-dried	16415006



FIBULAR SHAFTS

Storage: Frozen & ambient

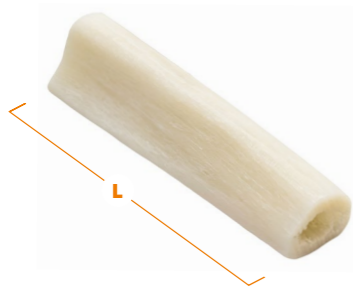
Configuration	Length	Preservation	Ref
Whole	≥16cm	Freeze-dried	16415005
Whole	≥16cm	Freeze-dried	16415006



FIBULAR SEGMENTS

Storage: Frozen & ambient

Length	Preservation	Ref
2.6-5cm	Freeze-dried	16515005
2.6-5cm	Frozen	16517005
5.1-10cm	Freeze-dried	16515010
5.1-10cm	Frozen	16517010
10.1-15.9cm	Freeze-dried	16515015
10.1-15.9cm	Freeze-dried	16517015



HUMERAL SHAFTS

Storage: Frozen & ambient

Length	Preservation	Ref
≥16cm	Freeze-dried	25915000
≥16cm	Frozen	25917000



HUMERUS

Storage: Ambient

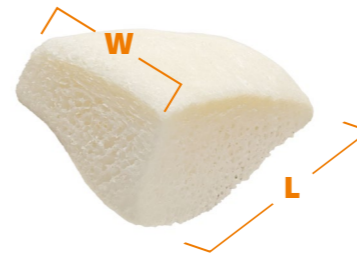
Length	Width	Ref
Distal	Right	16817001
Distal	Left	16817002
Proximal w/rotator cuff	Right	16917001
Proximal w/rotator cuff	Left	16917002
Whole w/rotator cuff	Right	17217001
Whole w/rotator cuff	Left	17217002



PATELLAR WEDGES

Storage: Ambient

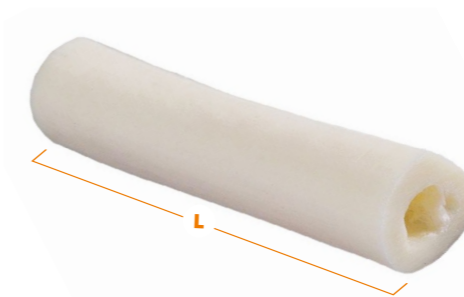
Length	Width	Ref
1.6cm	1cm min.	41715016
1.7cm	1cm min.	41715017



RADIAL SEGMENTS

Storage: Frozen & ambient

Length	Preservation	Ref
2.6-5cm	Freeze-dried	25215005
2.6-5cm	Frozen	25217005
5.1-10cm	Freeze-dried	25215010
5.1-10cm	Frozen	25217010
10.1-15.9cm	Freeze-dried	25215015
10.1-15.9cm	Freeze-dried	25217015



FIBULAR

Storage: Frozen

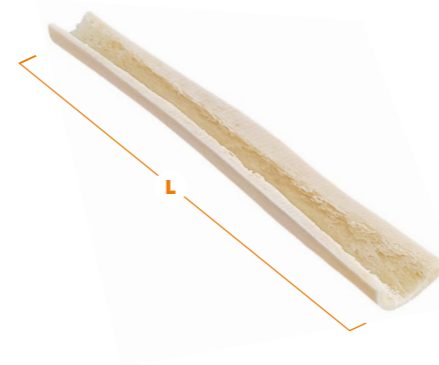
Description	Side	Ref
Whole	Right	18517001
Whole	Left	18517002



TIBIAL SHAFTS

Storage: Frozen & ambient

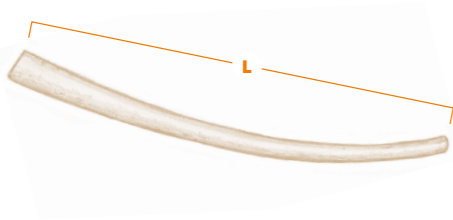
Configuration	Length	Preservation	Ref
Whole	<16cm	Freeze-dried	19815015
Whole	<16cm	Frozen	19817015
Whole	≥16cm	Freeze-dried	20215016
Whole	≥16cm	Frozen	20217016
1/2 Split	<21cm	Freeze-dried	19915020
1/2 Split	<21cm	Frozen	19917020
1/2 Split	≥21cm	Freeze-dried	19915021
1/2 Split	≥21cm	Frozen	19917021



RIBS

Storage: Frozen & ambient

Description	Length	Preservation	Ref
Whole	≥4cm	Freeze-dried	18615000
Whole	≥4cm	Frozen	18617000



TIBIAL SEGMENTS

Storage: Frozen & ambient

Length	Preservation	Ref
≤15.9cm	Freeze-dried	19815015
≤15.9cm	Frozen	19817015



TIBIA

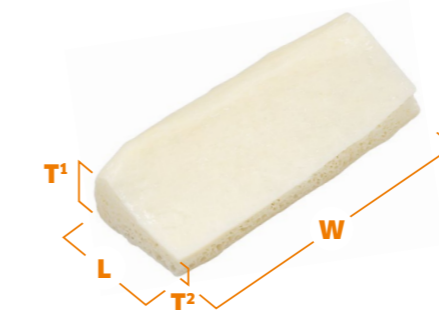
Storage: Frozen

Description	Side	Ref
Proximal w/ patella w/ quadricep	Right	18917001
Proximal w/ patella w/ quadricep	Left	18917002
Proximal w/ tuberosity	Right	19217001
Proximal w/ tuberosity	Left	19217002
Whole w/ tuberosity	Right	19617001
Whole w/ tuberosity	Left	19617002
Proximal w/ patella w/ quadricep	Right	25017001
Proximal w/ patella w/ quadricep	Left	25017002
Distal	Right	18817001
Distal	Left	18817002



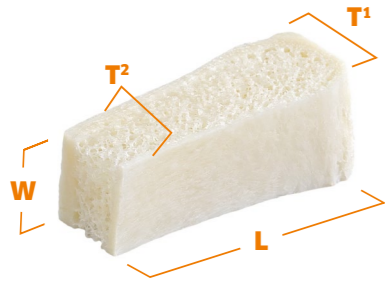
TRICORTICAL ILIUM STRIPS

Storage: Frozen & ambient



T1 = Thickness 1
T2 = Thickness 2

Width	Length	T1	T2	Preservation	Ref:
≥5cm	≥2cm	7mm min.	5mm min.	Freeze-dried	20315000
≥5cm	≥2cm	7mm min.	5mm min.	Frozen	20317000

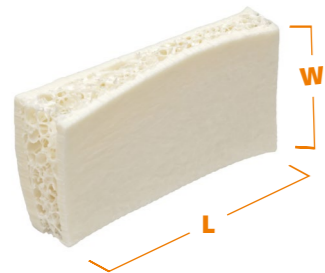


TRICORTICAL ILIUM WEDGES

Storage: Frozen & ambient

T¹ = Thickness 1
T² = Thickness 2

Width	Length	T1	T2	Preservation	Ref:
≤8cm	2.5cm min.	7mm min.	7mm min.	Freeze-dried	30515008
≤8cm	2.5cm min.	7mm min.	7mm min.	Frozen	30517008
9-13mm	2.5cm min.	7mm min.	7mm min.	Freeze-dried	30615013
9-13mm	2.5cm min.	7mm min.	7mm min.	Frozen	30617013
14-16mm	2.5cm min.	7mm min.	7mm min.	Freeze-dried	30715016
14-16mm	2.5cm min.	7mm min.	7mm min.	Frozen	30717016
17-19mm	2.5cm min.	7mm min.	7mm min.	Freeze-dried	30815019
17-19mm	2.5cm min.	7mm min.	7mm min.	Frozen	30817019
20-22mm	2.5cm min.	7mm min.	7mm min.	Freeze-dried	30915022
20-22mm	2.5cm min.	7mm min.	7mm min.	Frozen	30917022
≥23mm	2.5cm min.	7mm min.	7mm min.	Freeze-dried	31015023
≥23mm	2.5cm min.	7mm min.	7mm min.	Frozen	31017023



BICORTICAL ILIUM BLOCKS / STRIPS

Storage: Ambient

Length	Width	Reference
2-4cm	1-3cm	10615040
4.1-6.5cm	1-3cm	10615041



SEMI-T

Storage: Frozen

Description	Size	Ref
Semi-T - Double strand	≥23cm	18717000
Semi-T - Single strand	8cm-23cm	44317003



GRACILIS

Storage: Frozen

Description	Size	Ref
Gracilis - Double strand	≥23cm	26217000
Gracilis - Semi-T double bundle	≥23cm	44217002
Gracilis - Single strand	18cm-23cm	44317002



POSTERIOR / ANTERIOR TIBIALIS - DOUBLE / SINGLE STRAND

Storage: Ambient

Description	Size	Ref
Posterior tibialis double strand	≥23cm	41617000
Posterior tibialis double strand	18cm-23cm	44317001
Tibialis double bundle	≥23cm	44217000
Anterior tibialis double strand	≥23cm	41517000
Anterior tibialis single strand	18cm-23cm	4317000



ILIUM

Storage: Ambient

Description	Side	Preservation	Ref
Hemi	Right	Frozen	24517001
Hemi	Left	Frozen	24517002
Segment 1/3	N/A	Frozen	17517000
Segment 1/3	N/A	Freeze-dried	17515000
Hemi-pelvis	Right	Frozen	18117001
Hemi-pelvis	Left	Frozen	18117002



ACHILLES TENDONS

Storage: Frozen

Description	Size	Ref
Achilles with bone block		10017000
Achilles pre-shaped	≥10cm	10017100

PERONEUS LONGUS

Storage: Frozen



Description	Size	Ref
Peroneus longus double bundle	≥23cm	44217004
Peroneus longus double strand	≥23cm	43917000
Peroneus longus single strand	18cm-23cm	44317004

OSTEOCHONDRAL (OCA)

Storage: Frozen



Description	Ref
16mm fresh osteochondral core & coolpack	45647016
Fresh lateral femoral hemi-condyle right & coolpack	32147001
Fresh lateral femoral hemi-condyle left & coolpack	32147002
Fresh medial femoral hemi condyle right & coolpack	32247001
Fresh medial femoral hemi condyle left & coolpack	32247001

PATELLA LIGAMENT - HEMI / WHOLE / PRE-SHAPED

Storage: Frozen



Description	Ref
Patella ligament - hemi	17817000
Patella ligament - whole	17917000
Patella ligament - pre-shaped	18017000
Patella ligament - with quad	24817000

MENISCUS

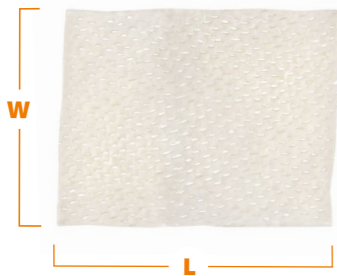
Storage: Frozen



Description	Ref
Right medial meniscus & cryopack	28225001
Left medial meniscus & cryopack	28225002
Right lateral meniscus & cryopack	28325001
Left lateral meniscus & cryopack	28325002

ALLOMEND® - ACELLULAR DERMAL MATRIX

Storage: Ambient



Description	Width x Length	Area	Thickness	Ref:
Ultra-thick (UT)	4 x 8cm	32cm ²	3.0-4.0mm	73283032
Ultra thick (UT)	5 x 7cm	35cm ²	3.0-4.0mm	73283035
Extra-thick (XT)	4 x 8cm	32cm ²	2.0-3.3mm	73183032



The UK Facility and Certification

Joint Operations offers a same day delivery and out-of-hours service. We offer a sale or return policy on all frozen, non-matched allografts.

The hospital has no liability for unused non-patient specific allografts. Providing the outer box remains sealed, tissue will be collected by one of our dedicated couriers and returned with a full credit.

The Joint Operations sales team can provide up-to-date information regarding stock availability.

Through innovation and a commitment to clinical results and positive outcomes, we are redefining the provision of allograft options in the field of Joint Preservation to UK clinicians and patients.



Stored and monitored under controlled conditions



Packaged and sealed



Sent out via our team of dedicated in-house couriers

The Joint Operations Allograft Timeline

- 2015** First meniscus and tendon allografts supplied.
- 2016** First burns skin patients treated.
- 2017** First viable osteochondral allograft supplied.
- 2017** Joint Operations and Wrightington Hospital formed an innovative partnership, supplying Wrightington femoral heads into the NHS. Hundreds of grafts are distributed to NHS patients across the country each year under this arrangement.
- 2019** Joint Operations partnered with leading French bone bank, Biobank. Providing pre-cut wedges and dowels to the UK for ligament and osteotomy surgery.
- 2020** Joint Operations supplied their first Prochondrix CR, a cryopreserved, fresh osteochondral allograft.

Our facility holds a comprehensive range of stock and our 365 day out-of-hours service enables emergency requests to be delivered in time for surgery. Joint Operations have their own fleet of vans and dedicated delivery drivers providing a personal and reliable service.

The team at Joint Operations has over 20 years of experience working with human tissue and since 2015, Joint Operations has provided hundreds of meniscal transplants and fresh osteochondral allografts and thousands of tendons for patients across the UK.

For more information or to place an allograft order, contact booksurgery@jointoperations.co.uk or +44 (0)1793 575050



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