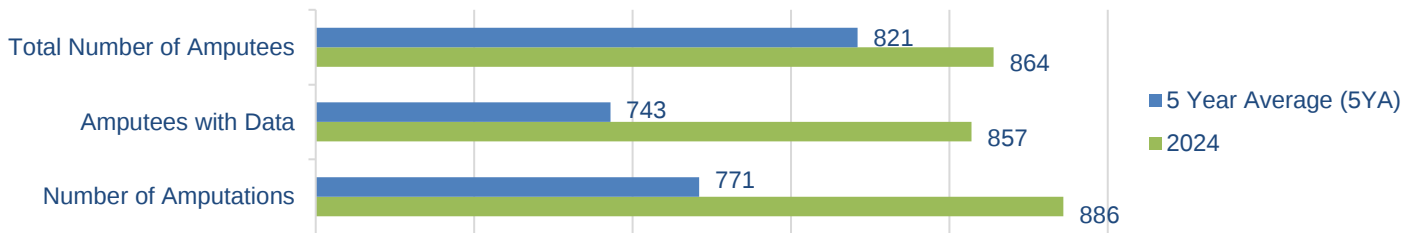


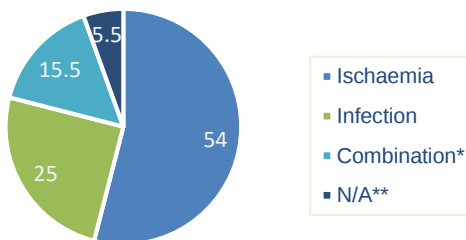
National Summary 2024

31st Annual Report on data collated from all major lower limb amputations in Scotland

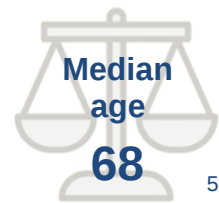
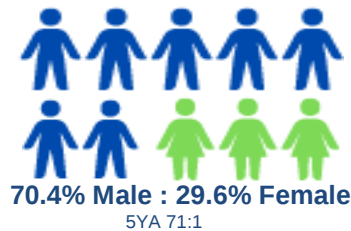
Number of Amputees/Amputations



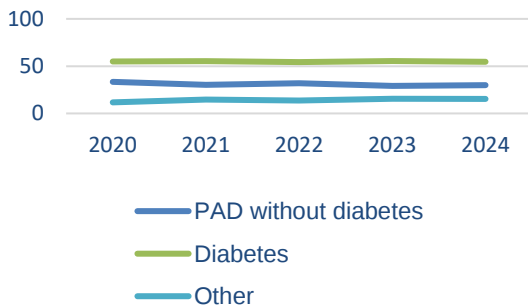
Cause of Amputation (%)



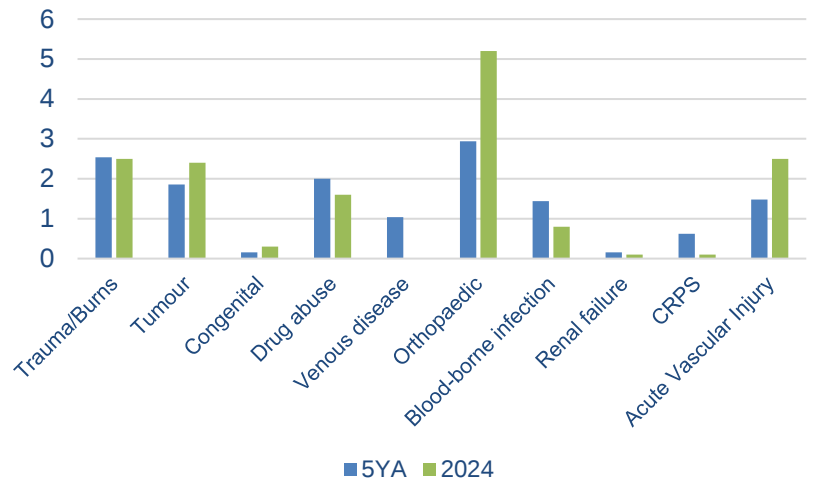
*ischaemia & infection
**no ischaemia or infection



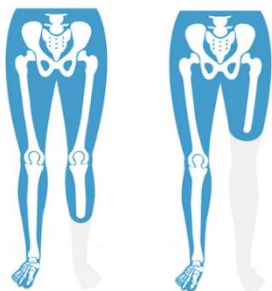
Aetiology - Common (%)



Aetiology - Other (%)



Initial Level of Amputation



AD	0.1% →
KD	0.5% ↓
HD	1.2% ↓
TP	0.1% ↓

59.6%

TT

38.5%

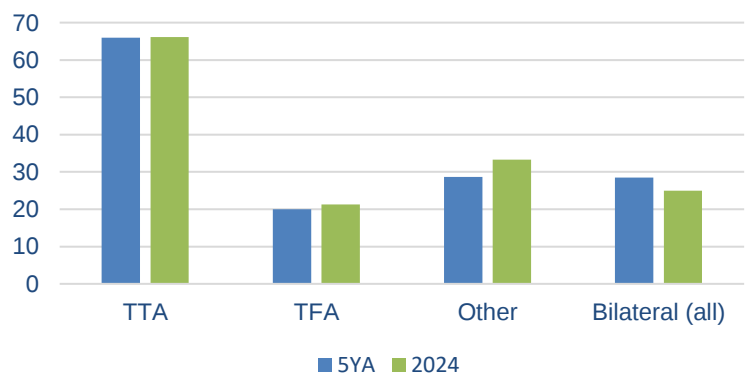
TF

Arrows indicate comparison to 5YA

AD – Ankle disarticulation
HD – Hip disarticulation
KD – Knee disarticulation

TF – Transfemoral
TP – Transpelvic
TT – Transtibial

Patients Fitted with a Prosthesis (%)



Transtibial Amputee Pathway

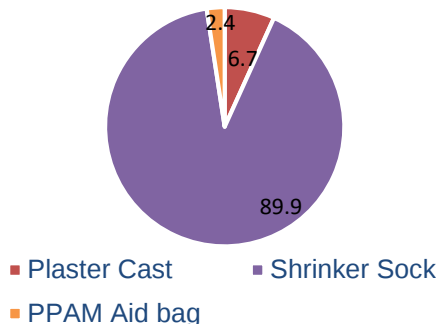
There were 528 transtibial amputations in 2024, of which 66.1% were limb-fitted.

Summary of TTA Data

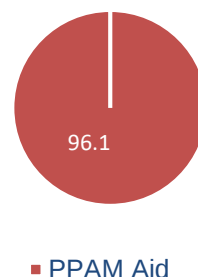


66.1% Limb-fitted
2.6% Abandoned
10% revised to TFA
Mean FCI = 2.9

Compression Therapy (%)

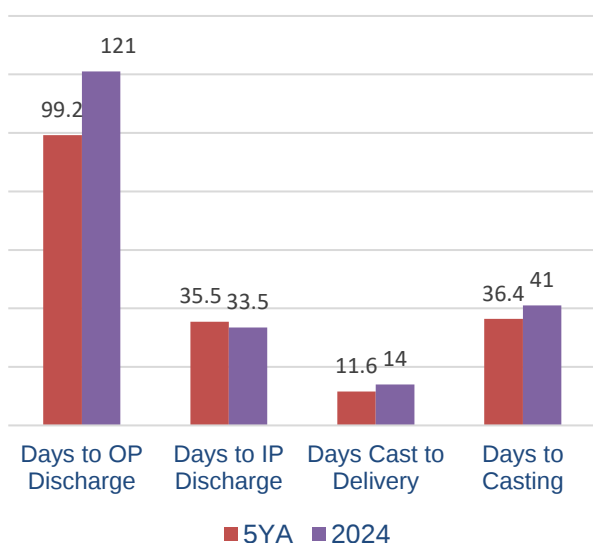


Early Walking Aid (EWA) %



Milestones - Limbfitted TTA

(median days)



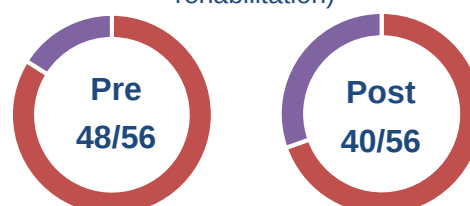
Patients receiving compression within 10 days (%)

Compression 64%

EWA 34%

Locomotor Capabilities Index

(captured 6 months pre-amp and end of rehabilitation)



Data per Hospital (2024): note longer inpatient stay was historically associated with better outcomes

	% LF	Days to CT	Days to EWA	Days to casting	Days to delivery	Inpatient stay	Overall rehab length	LCI-5 change
Ayr	80	9	10	59	74	53	172.5	-1.5
ARI	71.4	17	26	61	82	86	112	-3
GRI*	67	6	32	47	61	131	115	-2
Hairmyers	67	6	12	42	56	17	144	-4
Ninewells	79	8	10	34	50	40	167	-11.5
QEUH	59	8	11.5	40	57	29	127	-4.5
Raigmore	64	0	17	24	28	39	53	-12
RIE	65	10	20	58	76	46	122	-11
National	66	8	13	41	58.5	36	133	-7

CT – compression therapy

EWA – early walking aid

LCI-5 – locomotor capabilities index

Overall length of rehab – from amputation date to outpatient discharge

*Please note there is no vascular surgery at GRI

Transfemoral Amputee Pathway

There were 341 transfemoral amputations in 2024, of which 21.3% were limb-fitted.

Summary of TFA Data

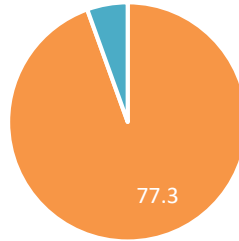


21.3% Limb-fitted

2.6% Abandoned

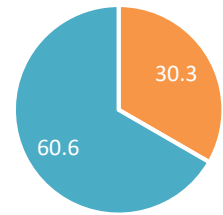
Mean FCI = 2.7

Compression Therapy (%)



Shrinker Sock PPAM aid bag

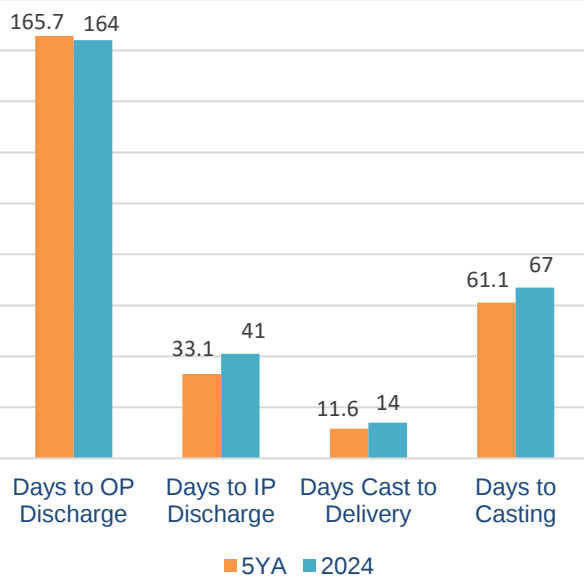
Early Walking Aid (EWA) %



PPAM Aid Femurett

Milestones - Limbfitted TFA

(median days)



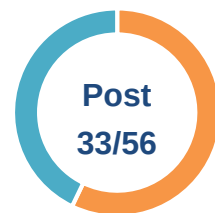
Patients receiving compression within 10 days (%)

Compression 41%

EWA 17%

Locomotor Capabilities Index

(captured 6 months pre-amp and end of rehabilitation)



Model of Care (MOC)

Aspect of MOC identified as influential	Score
Immediate post-operative rigid dressing	0-2
Specialist physiotherapist in first 14 days	0-2
Daily inpatient gym session (Mon-Fri)	0-2
Inpatient gym session $\geq$ 1 hour	0-1
Prosthetic centre on site when in patient	0-1
Prosthetic provision as an in patient	0-2
Routine specialist physiotherapy outpatient service	0-1
Maximum total	11

Site	MOC	Change From 2023
AH	6	=
GRI	2	=
HH	6	=
QEUH	8	=
NH	5	=
RH	8	=
RIE/AA	8	=

KEY: Ayr Hospital (AH), Dumfries & Galloway Royal Infirmary (DGRI), Glasgow Royal Infirmary (GRI), Hairmyres Hospital (HH), Queen Elizabeth University Hospital (QEUH), Ninewells Hospital (NH), Raigmore Hospital (RH), Royal Infirmary Edinburgh/Astley Ainsley (RIE/AA)