



## PODIATRIC SURGERY

# **DIABETIC FOOT CLINIC ACTIVITY REPORT AND SERVICE INFORMATION**

WHITWORTH HOSPITAL

9<sup>th</sup> November 2015 – 4<sup>th</sup> July 2017

Report Author: R Morley (Specialist Registrar in  
Podiatric Surgery)

### Activity and location

New patients	Follow-ups	NP / FU ratio	Episodes proceeding to day case surgery
165	1213	1 / 7.3	45

### Cost per attendance

First attendance - £143.09

Follow up attendance - £71.54

### Response times

Referral to first outpatient appointment	New assessment to theatre
1 week (In acute problems patients can be seen within 24hrs at Buxton)	4 weeks (for elective cases) 1-2 weeks (for urgent cases)

### Reduction of avoidable admissions

Number of admissions avoided	Reasons for avoided admission
<b>86</b>	<b>48</b> episodes of day case surgery in 43 patients <b>31</b> patients were treated for osteomyelitis requiring either IV or oral antibiotics. <b>7</b> patients were treated for cellulitis extending from the foot into the leg

### Cost of day case procedures at Whitworth hospital

Day Case procedures undertaken by DCHS podiatric surgery team are charged at 47% of National Tariff pricing

<b>Referral source</b>	<b>Referral setting</b>	<b>Count</b>	<b>%</b>
Podiatrist	Community clinic	113	69
Diabetic Consultant	Acute hospital	29	18
Diabetes Specialist Nurse / Other nurse	Community clinic / hospital	9	5
New episode commences from old referral	N/A	8	5
GP	GP Surgery	4	2
Self-referral where appropriate	N/A	1	1

<b>Diagnosis (patients may present with more than one diagnosis)</b>	<b>Count</b>	<b>%</b>
Foot ulcer	128	58
Cellulitis of toe	12	5
Cellulitis of lower limb	7	3
Charcot neuroarthropathy	9	4
Osteomyelitis	31	14
Other (incl fracture, hammer toe, preulcerative lesion, gout, in growing nail)	34	16

<b>Imaging and diagnostic investigations undertaken</b>	<b>Count</b>
Haematology	169
Magnetic Resonance Imaging (MRI)	2
Microbiology used to monitor or for non procedural intervention (eg diabetic ulcer)	32
Ultrasound (Radiology Department)	2
X-Ray: plain radiography	222

<b>Treatment undertaken</b>	<b>Count</b>	<b>%</b>
Ulcer Debridement – sharp	854	30.6
Wound redressed	1003	36
Local padding and strapping	234	8.4
Slipper casting	48	1.7
Total contact casting	336	12
Cam walker / removable boot	5	0.2
Other treatments	305	11.1

## Outcomes

<b>Total patients with ulceration</b>	<b>Healed ulcers</b>	<b>Ulceration requiring onward referral to vascular / other</b>	<b>Lost to follow up</b>	<b>On-going ulcer treatment</b>
<b>128</b>	<b>74 (58%)</b>	<b>13 (10%)</b>	<b>8 (6%)</b>	<b>33 (26%)</b>

<b>Amount of healed ulcers</b>	<b>Mean average healing time from initial intervention</b>
74	9.04 weeks

## Patient satisfaction

<b>Friends &amp; Family cards</b>	<b>Outcome</b>
Extremely likely	55
Likely	4
Neither likely or unlikely	0
Unlikely	0
Extremely unlikely	0
Don't know	0

## Patient comments from Friends & Family cards

Excellent treatment of ulcer on right 2nd toe, restoring the toe to health. I have type 2 diabetes and was not aware of the potential danger of an untreated ulcer. I also had my high blood pressure pointed out and reported to my GP.

I have had very good care and treatment from everyone. I don't know if you could be better

Everyone is very helpful, friendly and efficient

Excellent service

Exemplary treatment in a clean and friendly environment

Excellent work

First class service by pleasant staff

Because the staff are so friendly and reassuring and professional in what they do

Fantastic treatment and service. This service for casting is not available at Chesterfield

The amount of personal care is second to none. Waiting time is very minimal compared to larger hospitals

A very professional service providing information on ongoing self care and aftercare treatment

Very good service. Local caring touch

Never had such personal and quality service

Very helpful staff, and they have done what others have not been able to do and that is to get me on the mend

Professional, friendly, good environment

Excellent facilities, outstanding podiatry staff, caring service

Very friendly and professional. Parking is terrible.

All the staff appear to be friendly

Good service, friendly staff

Very good service and helped my wound heal in three weeks after two years of open wound

Good attention by all. Very professional

Very caring and thorough in analysis and treatment

All OK

Excellent support and care given by the team. Cannot praise them enough

The treatment of the ulcer has been excellent from whitworth and claycross and has fully healed within three months

Service has never let me down, people here are fantastic

Prompt attention, kind staff

Well cared for, can't do enough for you, friendly staff

Accommodating, made me at ease

Brill staff and treatment

I have been under care of another hospital for 17 months for it only to get worse. Came here and after only 11 weeks I'm walking out fully healed. The service and care was simply the best

I'm better off now and I've only been twice

Always been very efficient in my treatment, very friendly and caring

Good service and treatment

Excellent service

Excellent care

### **Other information**

The Whitworth diabetic foot clinic has established strong links with vascular and diabetes services at CRH and the team regularly attend the CRH MDT

The team have led the development of Buxton MIU and Oker ward staff at Whitworth hospital for cannulation training and on call advice service to further reduce attendance to A&E and acute admission. In addition, advice is given to MIU with regard to antibiotic choice based on local guidelines.

Clinical rotation has led to the development of community podiatry staff and students in casting techniques, interpretation of bloods, x-rays etc

### **The reduction in the cost to the NHS as a result of the reduction of emergency hospital admissions**

The table below details the Day case procedures undertaken at Whitworth diabetic clinic and the associated costs if the procedures had been undertaken in secondary care. Day Case procedures undertaken by DCHS podiatric surgery team are charged at 47% of National Tariff pricing (£43,355 compared to secondary care costs of £92,245) saving £48,890

Reference number	Intervention / procedure undertaken at Whitworth	Cost to undertake intervention in Secondary care
100072170	AMPUTATION GREAT TOE	QZ12Z: Foot Procedures for Diabetes or Arterial Disease, or Procedures to Amputation Stumps £6,670 for emergency admission, £2,516 for

		elective
100072379	Amputation multiple lesser transmetatarsal or V ray section one foot WOUND MANAGEMENT	QZ12Z: Foot Procedures for Diabetes or Arterial Disease, or Procedures to Amputation Stumps £6,670 for emergency admission, £2,516 for elective
100067614	MPJ arthroplasty single toe same foot ARTHROPLASTY LESSER TOE (Unspec.) WOUND MANAGEMENT	HB32A: Intermediate Foot Procedures for Non-Trauma, Category 2, 19 years and over £2,909 emergency and Elective admissions
100074595	Single AVULSION alone without nail destruction WOUND MANAGEMENT	HB35C Minor foot procedures for non trauma, category 1, without CC £811 for both emergency and elective admissions
100071108	Mid foot plantar exostectomy	HB33E: Intermediate Foot Procedures for Non-Trauma, Category 1, 19 years and over, without CC £1,665 for emergency and elective admissions.
100075519	WOUND MANAGEMENT AMPUTATION LESSER TOE (unspec)	QZ12Z: Foot Procedures for Diabetes or Arterial Disease, or Procedures to Amputation Stumps £6,670 for emergency admission, £2,516 for elective
100073373	AMPUTATION LESSER TOE (unspec) WOUND MANAGEMENT	QZ12Z: Foot Procedures for Diabetes or Arterial Disease, or Procedures to Amputation Stumps £6,670 for emergency admission, £2,516 for elective
100076959	ARTHROPLASTY first MTPJ base prox phalanx (Keller pattern)	HB32A: Intermediate Foot Procedures for Non-Trauma, Category 2, 19 years and over £2,909 emergency and Elective admissions
100077609	AMPUTATION LESSER TOE (unspec) WOUND MANAGEMENT	QZ12Z: Foot Procedures for Diabetes or Arterial Disease, or Procedures to Amputation Stumps £6,670 for emergency admission, £2,516 for elective
100076606	NAIL SURGERY PHENOL (unspec) single NAIL SURGERY PHENOL (unspec) single	HB35C Minor foot procedures for non trauma, category 1, without CC £811 for both emergency and elective admissions
100076225	Mid foot plantar exostectomy	HB33E: Intermediate Foot Procedures for Non-Trauma, Category 1, 19 years and over, without CC £1,665 for emergency and elective admissions.
100067281	METATARSAL HEAD EXCISION WOUND MANAGEMENT	QZ12Z: Foot Procedures for Diabetes or Arterial Disease, or Procedures to Amputation Stumps £6,670 for emergency admission, £2,516 for elective
100078375	TOTAL NAIL AVULSION excision of whole nail by phenolisation single toe TOTAL NAIL AVULSION excision of whole nail by phenolisation single toe	HB35C Minor foot procedures for non trauma, category 1, without CC £811 for both emergency and elective admissions

100078447	AMPUTATION LESSER TOE (unspec) WOUND MANAGEMENT	QZ12Z: Foot Procedures for Diabetes or Arterial Disease, or Procedures to Amputation Stumps £6,670 for emergency admission, £2,516 for elective
100076307	needle biopsy of bone WOUND MANAGEMENT	HB33E: Intermediate Foot Procedures for Non-Trauma, Category 1, 19 years and over, without CC £1,665 for emergency and elective admissions.
100075240	Medial exostectomy (Silvers pattern) first metatarsal	HB33E: Intermediate Foot Procedures for Non-Trauma, Category 1, 19 years and over, without CC £1,665 for emergency and elective admissions.
100080188	METATARSAL HEAD EXCISION WOUND MANAGEMENT	HB33E: Intermediate Foot Procedures for Non-Trauma, Category 1, 19 years and over, without CC £1,665 for emergency and elective admissions.
100078142	Mid foot plantar exostectomy WOUND MANAGEMENT	HB33E: Intermediate Foot Procedures for Non-Trauma, Category 1, 19 years and over, without CC £1,665 for emergency and elective admissions.
100077607	medial sesamoid first metatarsal WOUND MANAGEMENT	HB33E: Intermediate Foot Procedures for Non-Trauma, Category 1, 19 years and over, without CC £1,665 for emergency and elective admissions.
Total estimated costs of interventions / procedures		£82,543
38 patients treated for osteomyelitis or cellulitis extending into leg		Reduced short stay emergency Tariff £693 (Total £26,334)



