

Foot care: Reducing amputation rates and improving care

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ACTIVE

HIGH

MODERATE

(INCREASED*

LOW

A footcare pathway for people with diabetes

Annual Foot Review

Foot examination with shoes and socks/stockings removed

 Test foot sensations using 10g monoflament or vibration

Palpate foot pulses

- Inspect for any deformity
- Inspect for significant callus
- Check for signs of ulceration
- Ask about any previous ulceration.
- Inspect footwear
- Ask about any pain

DIABETIC FOOT RISK STRATIFICATION AND TRIAGE/IDENTIFICATION OF RISK STATUS

DEFINITION ACTION

Presence of active ulceration, spreading infection, critical Ischaemia, gangrene or unexplained hot, red, swollen foot with or without the presence of pain, painful peripheral neuropathy, acute Charcot foot*

Rapid referral to and management by a member of a Multidisciplinary Foot Team (see over). Agreed and tailored management/treatment plan according to patient needs. Provide written and verbal education with emergency contact numbers. Referral for specialist intervention when required.

Previous ulceration or amputation or more than one risk factor present eg loss of sensation or signs of peripheral vascular disease with callus or deformity.

Annual assessment or 1-9 monthly according to need by a specialist podiablist or member of a foot protection team". Agreed and tailored management/treatment plan by a specialist podiablist or the FPT' according to patient needs. Provide written and verbal education with emergency contact numbers. Referral for specialist intervention it/when required.

One risk factor present eg loss of sensation or signs of peripheral vascular disease without callus or deformity.

Annual assessment or 3-6 monthly according to need! by a podiatrist or member of a foot protection team". Agreed and fallored management/freatment plan by podiatrist or the FPT* according to patient needs. Provide written and verbal education with emergency contact numbers. Referral for specialist intervention it/when required.

No risk factors present eg no loss of sensation, no signs of peripheral vascular disease and no other risk factors.

Annual screening by a suitably trained Healthcare Professional, Agreed self management plan. Provide written and verbal education with emergency contact numbers. Appropriate access to podiatrist it/when required.

These risk categories relate to the use of the SCI-DC foot risk stratification tool.

* NICE Guidance

















ADVISE THE PATIENT TO: Check their feet every day

Be aware of loss of sensation Look for changes in the shape

Not use corn removing

Know how to look after

Wear shoes that fit properly Maintain good blood glucose

Attend their annual foot review

Risk status

should be documented and the

patient

informed.

plasters or blades

of their foot

their toenails

control







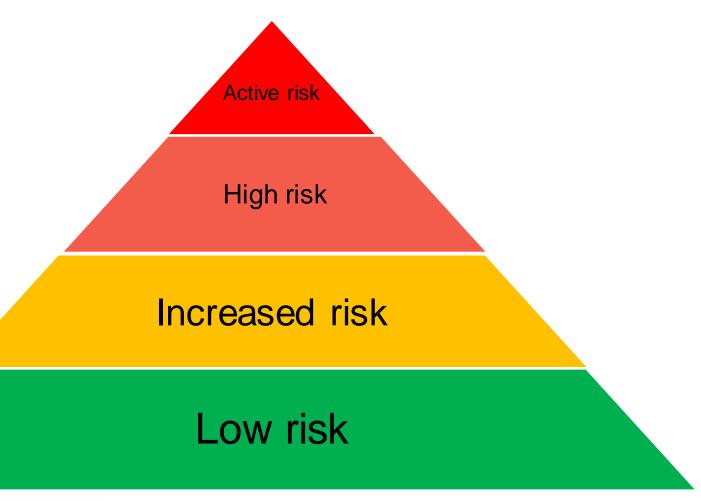














Derby Teaching Hospitals WHS



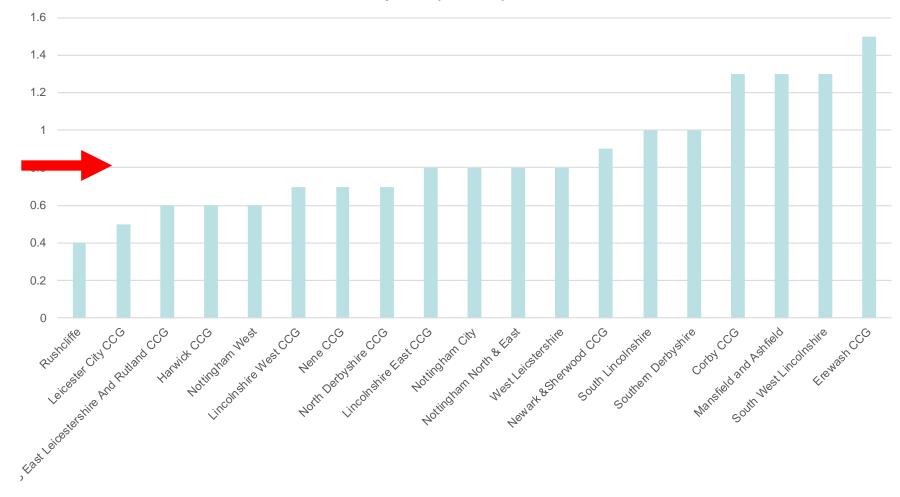




East Midlands - Major amputations in patients with diabetes



Major amp/ 1000 patients





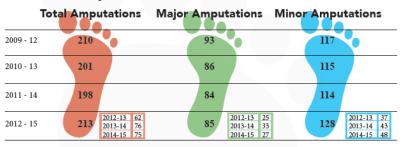


NHS Foundation Trust



NHS Southern Derbyshire CCG **Diabetic Foot Amputations**

Number of Amputations



Amputation Rate per 1,000 adults with diabetes

Major Amputations Minor Amputations Total Amputations 2.7 1.2 1.5 2009 - 12 England England England 2010 - 13 2.5 1.1 1.4 England England England 2011 - 14 2.3 1.0 1.3 England England England 2012 - 15 2.4 1.0

Hospital Stays for Diabetic Foot Disease



	Episod Number		care er 1,000	Night Number		ospital er 1,000	Avera	ige LOS
2009 - 12	1,697	21.7	18.3 England	13,426	172.1	166.1 England	7.9	9.1 England
2010 - 13	1,758	21.6	18.6 England	13,524	165.8	165.1 England	7.7	8.9 England
2011 - 14	1,943	23.0	19.2 England	13,514	159.9	163.2 England	7.0	8.5 England
2012 - 15	2,172	25.0	19.8 England	14,110	162.2 (161.0 England	6.5 (8.1 England

Significantly lower than the England value

No significant difference from the England value

Data Source: Public Health England Arknowledgement: Thanks to Public Health England for providing data analysis support

Produced October 2016 by: NHS

East Midlands Clinical Networks







NHS Foundation Trust

All CCGs in England **Diabetic Foot Amputations**

Number of Amputations

2009 - 12 2010 - 13	19,066	*	6,731	12,317	•
2010 - 13	20,030				
	1		6,769	13,261	7
2011 - 14	21,125		6,758	14,367	
2012 - 15	22,109		6,812	15,242	

Amputation Rate per 1,000 adults with diabetes

	Total Ampu	tations M	lajor Amputati	ons Minor Ampu	tations
2009 - 12	2.6	%	1.0	1.1	%
2010 - 13	2.6		0.9	1.7	\mathcal{T}
2011 - 14	2.6		0.8	1.8	

Hospital Stays for Diabetic Foot Disease

2.6

2012 - 15



	Episod Number	es of care Rate per 1,000	Nights in hospital	Average LOS
2009 - 12	134,731	18.3	166.1	9.1
2010 - 13	143,503	18.6	165.1	8.9
2011 - 14	155,353	19.2	163.2	8.5
2012 - 15	167,224	19.8	161.0	8.1

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Where are the problems?



A footcare pathway for people with diabetes

Peer Reviews:

Mansfield and Ashfield CCG, Newark and Sherwood

Nottingham City Nottingham North East, North West

3. Nene and Corby

ADVISE THE PATIENT TO:

Check their feet every day Be aware of loss of sensation Look for changes in the shape of their foot

Not use corn removing plasters or blades

Know how to look after their toenails

Wear shoes that fit properly Maintain good blood glucose control

Attend their annual foot review

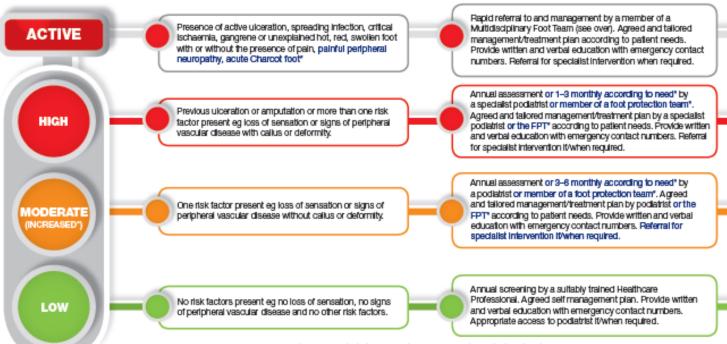
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STATUS



* NICE Guidance



Produced by the Scottish Diabetes Foot Action Group





















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Patient not informed of risk and/or not appropriately referred

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No standardised training and competency assessments of foot screening for primary care teams

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- Test foot sensaus monoflament or vibra-
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Lack of capacity in MDTs

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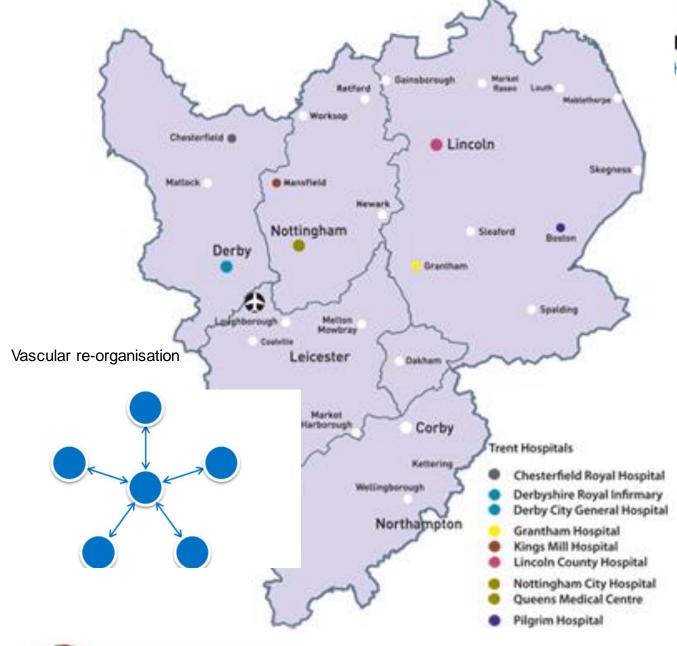
www.dlabetes.org.ulk A charity registered in England and Wales (216199) and in Soctiand (SC039198). © Diabetes UK 2012

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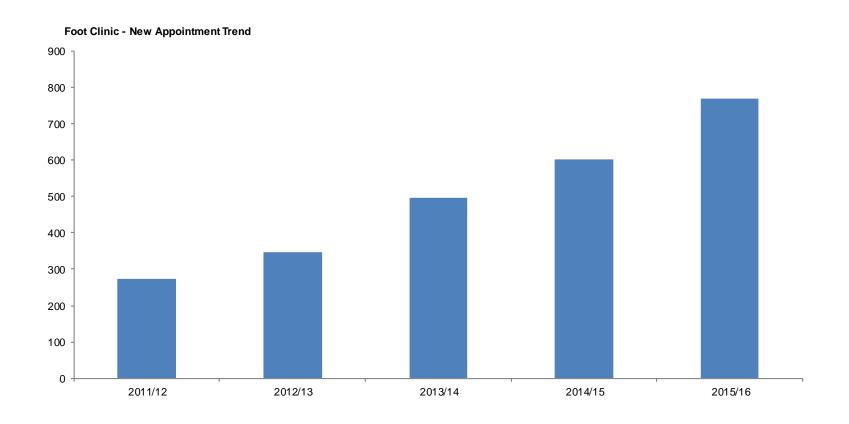






Diabetic Foot Clinic Derby Teaching Hospitals NHS FT - capacity



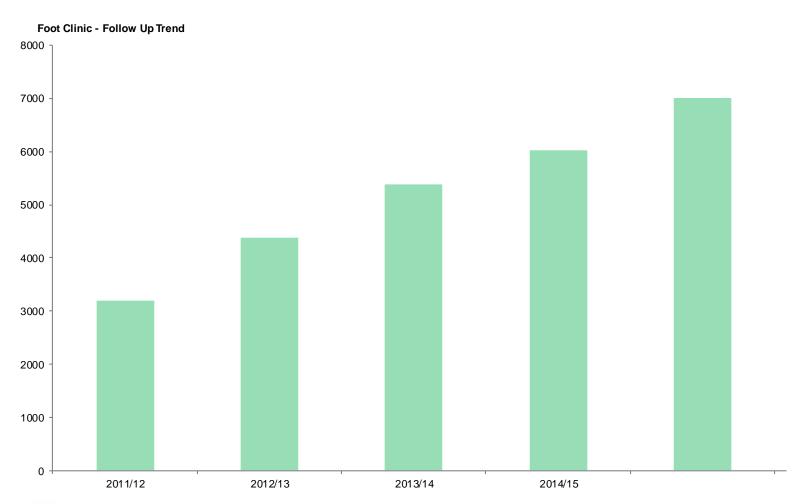






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www.diabetes.org.uk A charity registered in England and Wales (215190) and in Scotland (50039198). O Diabetes UK 2012



























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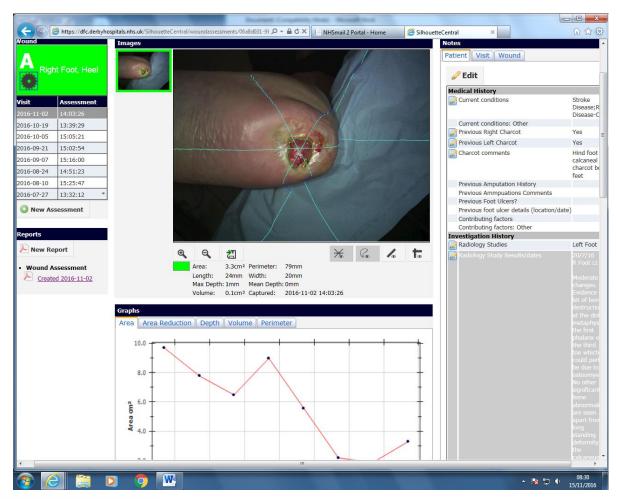






Igniting Innovation

Science Network







Foot care: Reducing amputation rates and improving care

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