DIABETIC FOOT CARE BEFORE AND DURING THE COVID-19 EPIDEMIC: CAN WE DELIVER? V Milbourn, Dr S Bade, Dr R Yamin, L Boddington, Dr D Fowler, Dr C Parkinson, Dr S Sharma

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Introduction

- The COVID-19 pandemic had led extreme challenges for the delivery of safe and effective diabetes foot (DF) services at every level
- East Suffolk is a large sparse rural area with a sizeable elderly population (average age: 70 in Diabetes Foot Clinic (DFC)) and many with limited access/ability to utilise technology
- Some of the challenges facing DF services in East Suffolk include:
 - > Patient hesitation to attend hospital clinics due to COVID
 - > Reduction of clinic space to 2 chairs for social distancing
 - Reduction in community Foot Protection Services which were limited to high risk caseload with telephone triage and review.
 - > Shielding of key personnel including Diabetes Specialist Nurse and consultants limited to telephone reviews
 - > DF Consultants being seconded to COVID wards
 - > COVID related significant restriction of Vascular surgical access

The **Aims of this study** are:

- To review the impact of COVID-19 in the delivery of DF services in East Suffolk.
- To compare clinical outcomes pre-COVID19 and the peak of the COVID-19 pandemic.

Material & Methods

- A retrospective cross-sectional observational study between: 1. Pre-COVID: April 2019 to March 2020
 - **2. COVID:** April 2020 to March 2021
- **Inclusions:** All patients under the multidisciplinary foot service (MDFS) between April 2019 to March 2021.
- Anthropometric and metabolic variables measured: age, gender, HbA_{1c}, lipid indices and uACR.
- Service Provisions reviewed: Clinical activity.
- Diabetes Foot Outcomes reviewed: Mortality, revascularisation, major amputations, minor amputations.

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Significance	
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p=<0.001	
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Key Learning Points

- Prompt communication and reassurance to patients about availability of MDFS with clear point of contact is key to early self-referral and regular review.
- Close liaison with local service providers, particularly FPS and community nursing services is integral to prevent loss in delay in DF surveillance.
- Rapid restructuring and risk assessment of MDFS to allow face to face clinics to continue despite social distancing measures.
- Podiatrists trained to perform POC HbA1c enabled remote consultations by DSN for diabetes optimisation.
- Inpatient activity prioritised to reduce LOS and admission avoidance but with minimal impact on outpatient activity.