



Combining Safety Science with a compassionate approach to learn from a recurrent serious incident

Austin Smithies MBBS FRCEM
Catherine Fowler MBA BCAh



33%

of those suffering from an aortic dissection are misdiagnosed 2000

people per year lose their lives from aortic dissection in the UK 10

lives could be saved per week with the correct diagnosis



Christiano, A., & Neimand, A. (2017). Stop Raising Awareness Already. *Stanford Social Innovatio n Review*, 15(2), 34–41. https://doi.org/10.48558/7MA6-J918





The stories of those with lived experience will communicate your vision



Taking a Human Factors approach when learning from serious incidents – a personal reflection





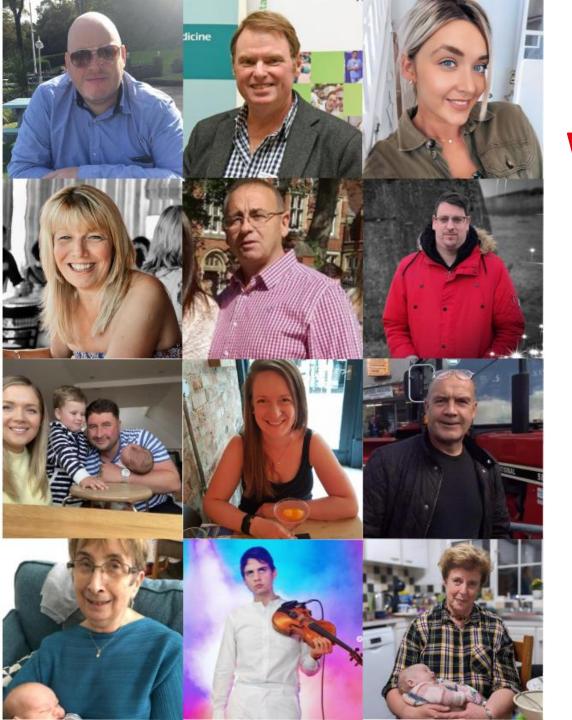
Catherine Fowler MBA BCAh

Trustee The Aortic Dissection Charitable Trust
NHS PPV Cardiac CRG TRANSFORM
NHS PPV Cardiac Clinical Policy Unit

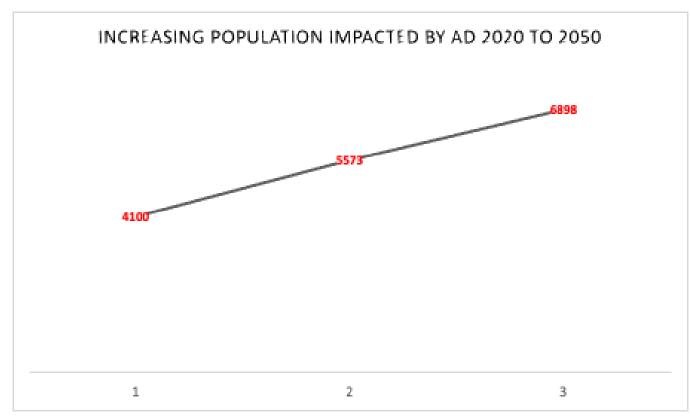
THE IRISH TIMES

FLEMING, Tim. Suddenly at St. James's Hospital, Dublin, (Isleworth, London and late of Crohane, Fossa, Killarney, Co. Kerry, son of the late Jerry and Grace Fleming, husband of Caitlin (née McGrath), Kilgalligan, Carrowteige, Ballina, Co. Mayo, father of Caroline, Aisling, Catherine and Jeremiah, grandfather of Tadgh, Oscar, Clodagh, Paddy and Leah. Deeply and sadly missed by his loving wife, daughters, son, grandchildren sons-in-law Dave and Keith, sisters Maura, Esther, Eileen, Anna and late brother Dermot, sisters and brothers-inlaw, nieces, nephews, cousins, relatives and friends. Reposing at the McGrath Family home in Kilgalligan today (Wednesday) from 3.00 o'clock until 6.00 o'clock, with Removal to The Church of the Immaculate Conception, Carrowteige, arriving at 8.00 o'clock. Funeral Mass tomorrow (Thursday) at 12.00 noon with Burial afterwards in Kilgalligan Cemetery.





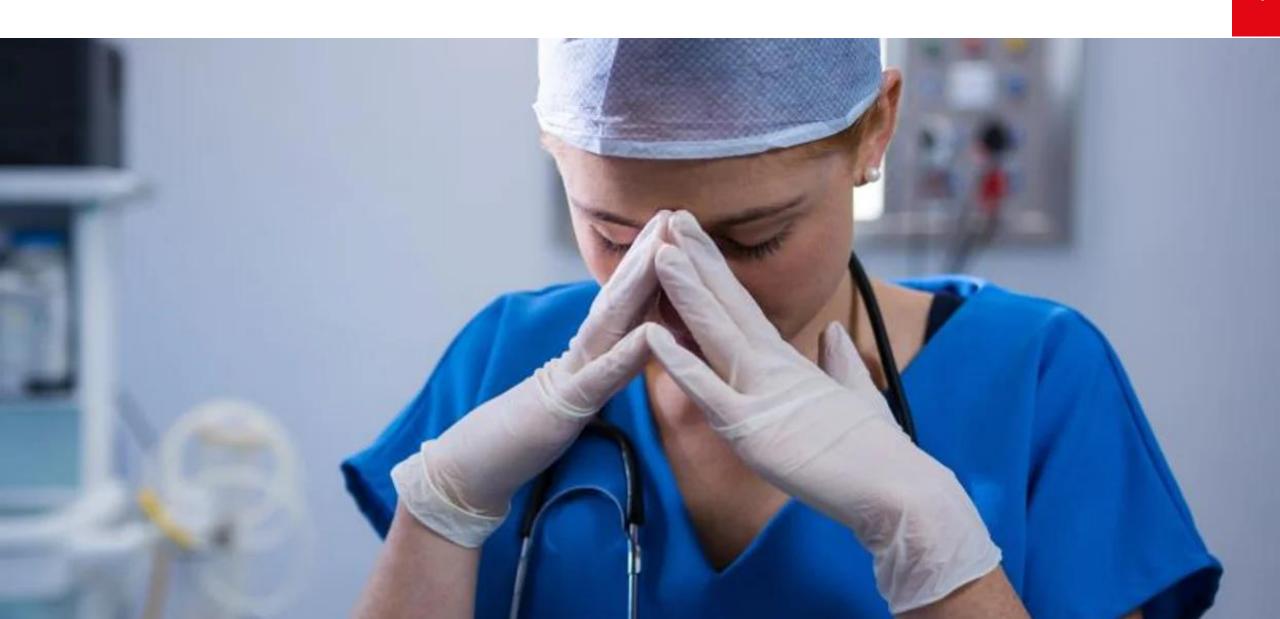
AORTIC DISSECTION CASES ARE SET TO RISE WE NEED TO SHAPE A SAFER FUTURE



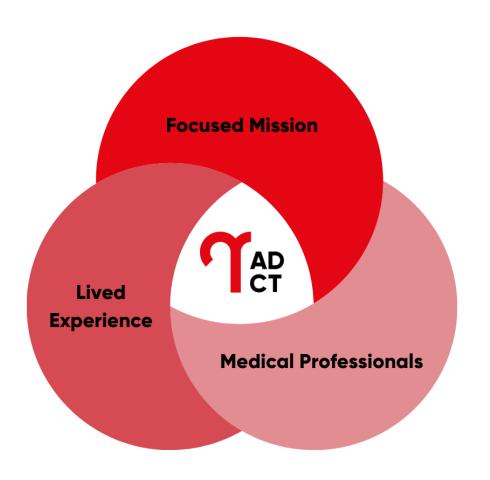
Source: Oxford Vascular Study: Circulation 2013;127:2031-2037



MISDIAGNOSIS IMPACTS PHYSICIANS TOO



FORMING A CHARITY WITH A CULTURE OF FOCUS & INCLUSIVE COLABORATION



- Establishing a diverse leadership team with passion, broad networks & talents
- Create a clear vision & strategy
- Creating a clear, simple, recognisable brand
- Developing a strong digital & social media presence
- Building a community of advocates
- Creating expert teams for every workstream unifying lived experience & medics
- Passion, focus & professionalism at the heart of our culture



TADCT TEAM: AD HAS CHANGED OUR LIVES FOREVER



Catherine Fowler BCAh Trustee

Catherine lost her father to aortic dissection, he was discharged from an Emergency Department without the diagnosis being made.



Pauline Latham OBE MP
Trustee

Pauline lost her son to aortic dissection, he was discharged from an Emergency Department without the diagnosis being made.



Graham Cooper Trustee

Graham is a consultant cardiac surgeon specialising in the treatment of patients with thoracic aortic disease. He is a past President of the Society for Cardiothoracic Surgery.



Bob Harris OBE
Ambassador &
Broadcasting legend

In 2019 Bob suffered an aortic dissection whilst out walking. Bob describes the experience as an incredibly scary moment but continues to live life to the full.



Steve Perryman MBE Ambassador & Former professional footballer

In 2012 Steve suffered a dissection while watching Exeter's final game of the season. He owes his life to the swift actions of the first responders at the game.



Sharon Sewell Ambassador

A former magistrate and Derby City Council worker who spent her time helping people and giving to others, had her life changed forever after suffering a type A aortic dissection in 2021.

Uniting patients, families and the medical community in a shared goal of improving diagnosis, increasing survival and reducing disability due to aortic dissection



Increasing access to education for medical professionals and patients



Working with those responsible for healthcare policy to ensure that there is **consistency** in the provision of diagnosis for acute aortic dissection, **specialised follow-up** for survivors and access to **clinical genetics** for relatives



Promote and fund **medical research** into the detection, prevention, treatment and cure of aortic dissection

TADCT LEARNING RESOURCES SHIFTING FROM AWARENESS TO EDUCATION

Get ready to master aortic dissection

This online educational platform is the go-to resource for healthcare professionals interested in expanding their knowledge and skills in agric dissection

Subject matter experts include:



Honorary Clinical

Research Fellow



Vascular Surgeon



Anaesthesia

Alex Nicolson

Cardiothoracio Clinical Director



Dr Victoria



McClelland



Prof James Meaney

Radiologist

Pandva Cardiology



Graham Cooper

Cardiac Surgeon



Consultant Acute



Laura Morris Advanced Clinical



OBE chats candidly with other aortic patients rith medical advice from Dr Bejal Pandva of Barts Heart Centre London, they uss the complexities of the condition and the impact physically and mentally. Also what





Supporting the aortic dissection journey



Visits since April 2022

Uniting patients, families and the medical community in a shared goal of improving diagnosis, increasing survival and reducing disability due to aortic dissection



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AMPLIFYING PEOPLE'S VOICES EXTENDING TADCT SUPPORT FOR NHSE AAD TOOLKIT



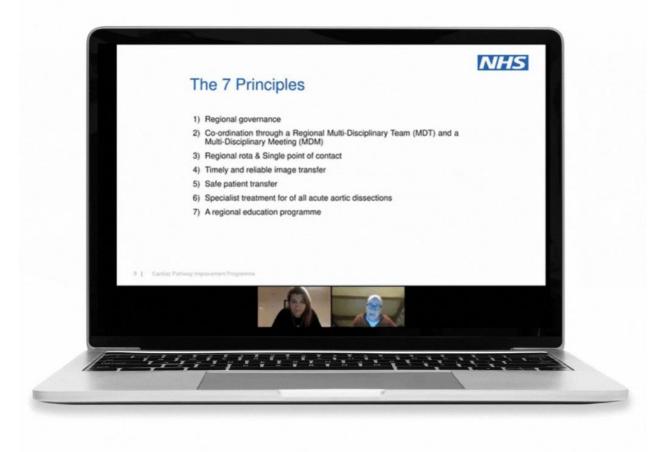
Thrilled to see the new Acute #AorticDissection Pathway Toolkit has been released by @NHSEngland.

Thank you to all of those of you who gave feedback to help develop it. These principles support the basis of improving regional variation & saving **500 lives** per yr in the UK



8:02 am · 16 Mar 2022 · Twitter Web App

21 Retweets 5 Quote Tweets 44 Likes



DRIVING ENGAGEMENT DIACING THE TOOLKIT IN

PLACING THE TOOLKIT INTO THE SPOTLIGHT: NHS England NATIONAL DIRECTORS AWAYDAY





DRIVING ENGAGEMENT:

PLACING AORTIC DISSECTION INTO THE SPOTLIGHT
THE LABOUR & CONSERVATIVE PARTY CONFERENCE 2023

DRIVING CHANGE: PLACING AORTIC DISSECTION INTO THE PARLIAMENTARY AGENDA





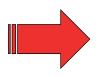
Uniting patients, families and the medical community in a shared goal of improving diagnosis, increasing survival and reducing disability due to aortic dissection



Increasing access to education for medical professionals and patients



Working with those responsible for **healthcare policy** to ensure that there is consistency in the provision of diagnosis for acute aortic dissection, specialised follow-up for survivors and access to clinical genetics for relatives

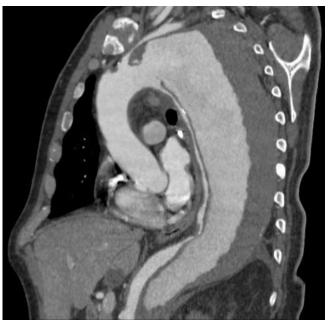




Promote and fund **medical research** into the detection, prevention, treatment and cure of aortic dissection

LIVED EXPERTISE DRIVING TADCT RESEARCH





The ASES study: Aortic Syndrome Evidence Synthesis

EARNEST: Early Aortic
Repair in patients Needing
Endovascular Surgery for
Type B Aortic Dissection



Collaborative Acute Aortic Syndrome Project

An observational cohort study of people undergoing a CT in ED for possible Acute Aortic syndrome



An observational cohort study of people attending the ED with symptoms consistent of Acute Aortic syndrome



TADCT STARTED LOCAL GOING GLOBAL

International collaborations:

- Irish Association of Emergency Medicine
- European Society of Emergency Medicine
- European Society of Perfusionists
- Cleveland Clinic
- John Ritter Foundation
- Yale University

THE BRITISH CITIZEN AWARD
Medal of Honour
for voluntary contribution
to Health in Great Britain







Driving change to shape a safer future for people impacted by Aortic Dissection









A Human Factors Informed Approach

DELAYED RECOGNITION OF ACUTE AORTIC DISSECTION

Healthcare Safety Investigation 12017/002b

January 2020 Edition

https://www.england.nhs.uk/north-west/wp-content/uploads/sites/48/2020/02/hsib-report-delayed-recognition-acute-aortic-dissection.pdf





Understanding complexity and team performance

Create a flat hierarchy

Break down barriers

High-Performing Teams

In situ simulation

Create Standardisation



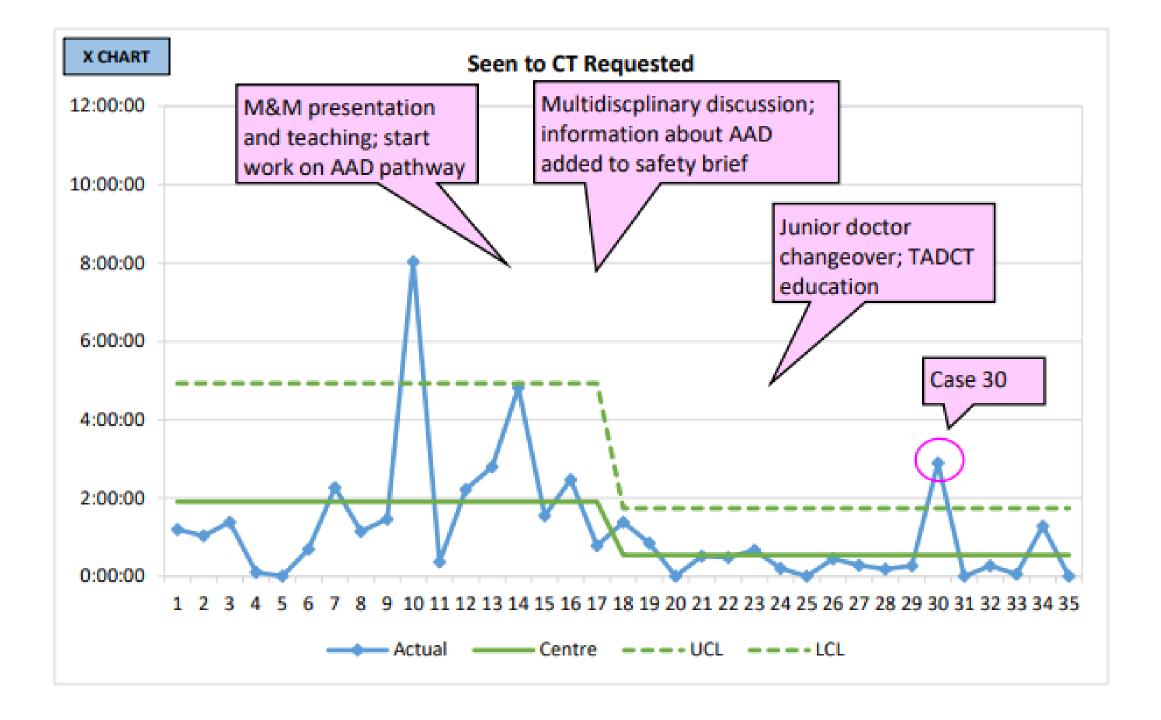
Learn not blame

Systems Thinking

Just Culture

Safety II approach

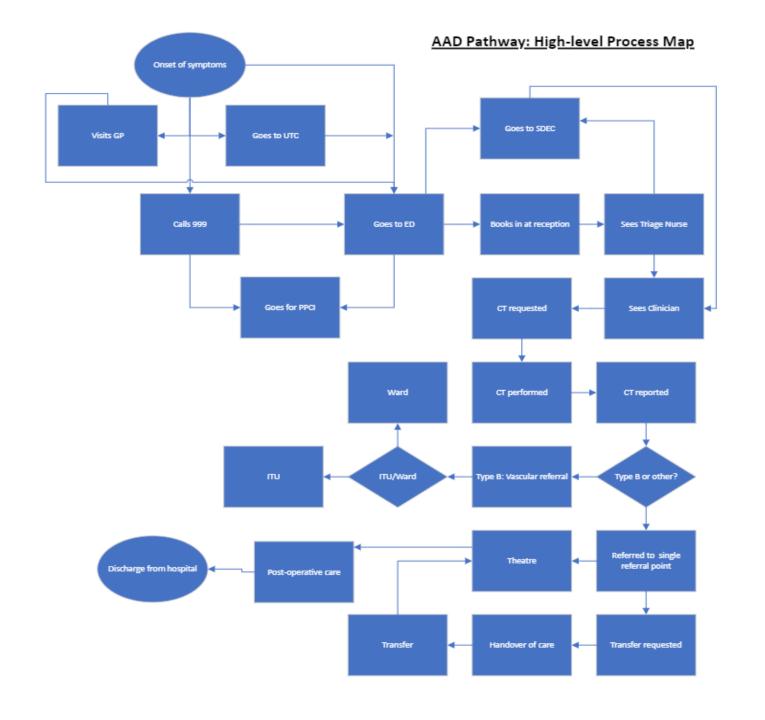
Civility and Respect







Next Steps



References

- Stretton, P. (2022). Quantum Safety: The New Approach to Risk Management for the Complex Workplace (1st ed.). Productivity Press. https://doi.org/10.4324/9781003175742
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- NHS England and NHS Improvement: Acute Aortic Dissection Pathway Toolkit. Version 1.0. March 2022. https://www.vascularsociety.org.uk/_userfiles/pages/files/News%20resources/Acute %20Aortic%20Dissection%20Toolkit%20Final%2020220314.pdf





Thank You: Any Questions?