



Lorraine Smyth
“e-Enabler”

Digital Solutions Manager HSE





Governance Strategy Innovation

The diagram consists of four teal chevron-shaped boxes pointing to the right, each containing white text. The boxes are connected by a series of white chevrons pointing right, creating a continuous flow from left to right.

Digital Health
Transformation
Education HSE MSc
HSeLand

DOH Digital For Care
2024-30 A Digital
Health Framework for
Ireland

HSE Digital Health
Strategic
Implementation Road
Map

New Redesigned Care
Pathways



Education is the passport to the future, for tomorrow belongs to those who prepare for it today

Malcom X

Please join us at our upcoming

DIGITAL ACADEMY FORUM

Summer 2020 – COVID-19 Digital Responses

July 15th 2020, 14:00—16:00

Provisional Speaker Lineup Includes:

- Anne O'Connor, CDO HSE
- Fran Thompson, HSE CIO
- Eamonn Costello - patientMpower
- John Maughan ACORRD (S3)
- Gemma Garvan, CIO SH
- Myles Murray, PMO Solutions
- Martin Dunne - NAS
- Sonia Neary, Wellola

Register your place at: www.hsedigitaltransformation.ie/daf-07-2020

HSE Digital Transformation eHealth Ireland



HSE MSc Students
Digital Transformation in
Healthcare

**Introduction to
Digital Health
Transformation**

Let's begin

HSE Digital Transformation

Digital Academy
Inspiring Innovation

eHealth Ireland

HSE LAND COURSE FOR HSE EMPLOYEES

Co written with GMIT eHealth lecturers

Providing education on future healthcare in
the HSE

DIGITAL ACADEMY FORUM

Co-Founder started in
2019 winner of Irish
Healthcare Awards best
educational meeting



Is Feidir Linn (Yes We Can)

Dr Steevens Hospital HSE



Violet UV-powered Disinfection System

With Violet, room cleaning is:

- 5-10X faster than human cleaning teams
- >3X more effective
- >2.5X cheaper (<€3 per room)

Violet kills germs using UVC light, which has been scientifically proven to kill a wide range of microorganisms (including SARS-CoV-2, MRSA, C. difficile and VRE) residing in air and on surfaces.



Collaboration with Akara Robotics Niamh Donnelly and Noreen Hynes Tullamore



Closed Loop Digital Drone prescription Delivery

- Video Consultation with GP
- E Script to Pharmacy
- Prescription placed in Drone delivered to house

Worlds First BBC Click - RTE News

Collaboration with Red Zinc,
Manna Drones and IAA.





e- Enablers Covid 19





- 8000 Covid Patient monitored at home nationally
- 20 Acute Hospitals involved
- Homeless & Roma Community
- Over 500 GP Surgeries
- Cost Value Analysis 20 million euro saved in bed nights



David Dowling, Eamon Costello , PMP Chris Meehan HSE

HE Example of Digital Enablers in Pathways (Orthotics)

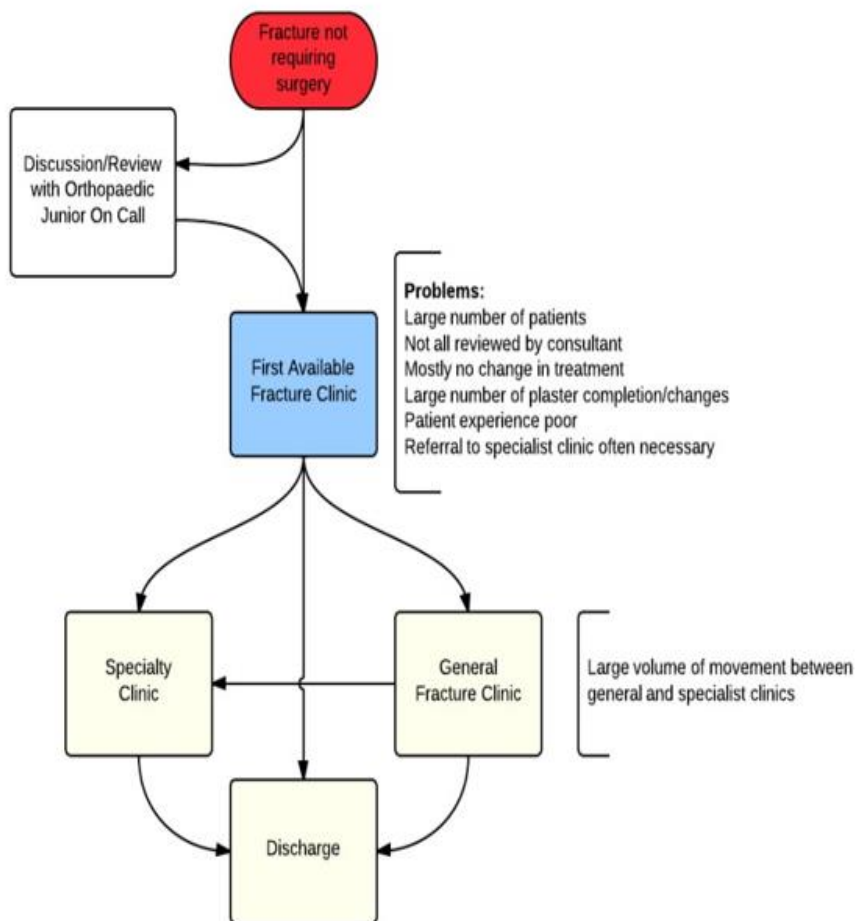
- e-Referrals
- Toolkits (GPs)
- Video enabled consultation between teams and patients
- Patient facing Apps (Including PIR)



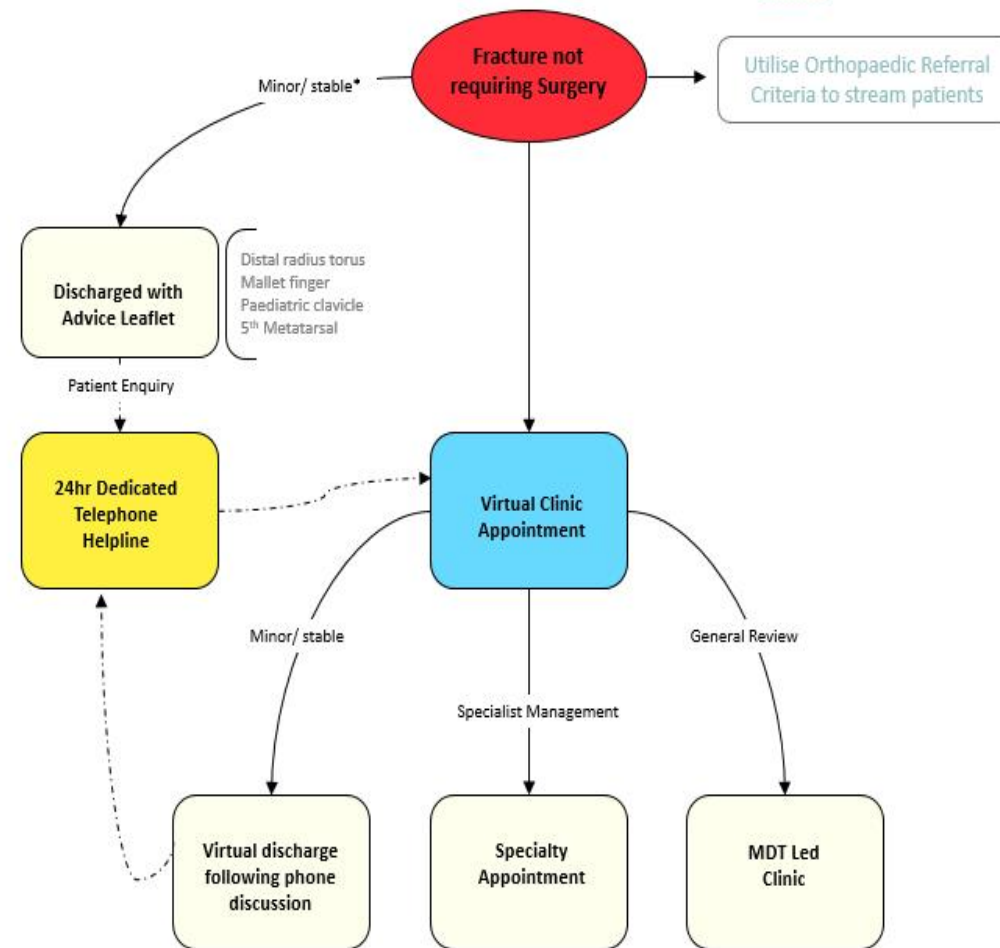
Modernised Care Pathways ,First Phase Design Approval CCO

Working towards implementation

Old Process for Fracture Management (Before vFAC)

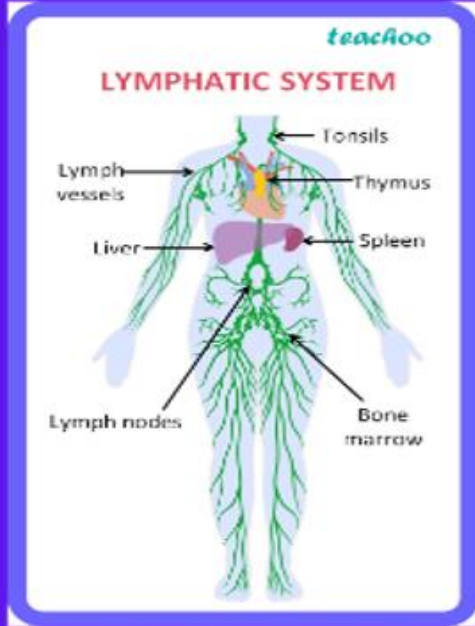


Virtual Trauma Assessment Clinic Pathway (vFAC)





Patient Centred Care Lymphoedema

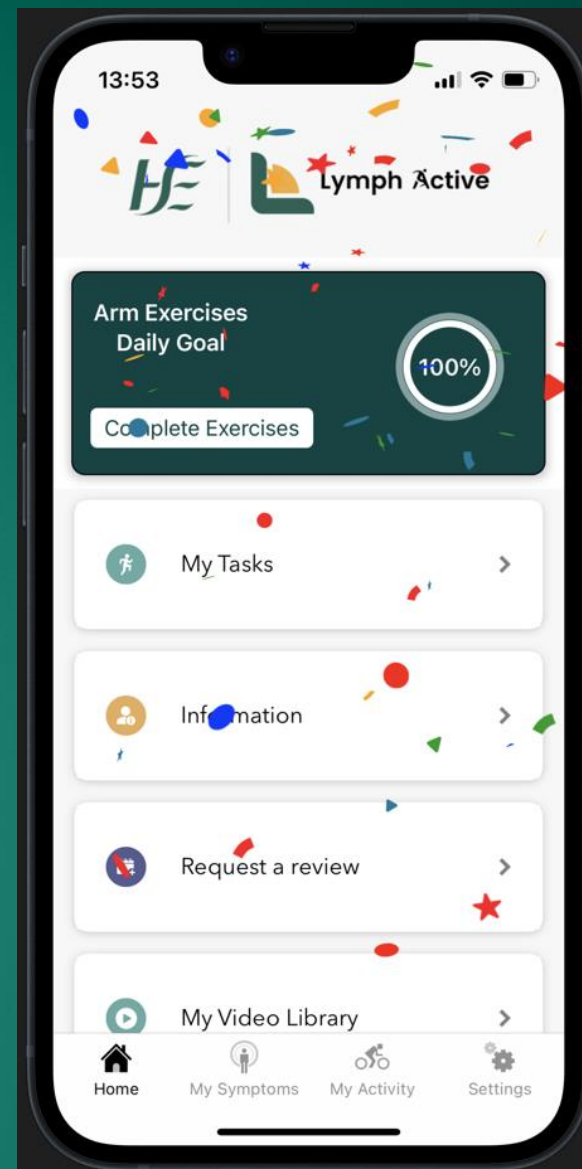
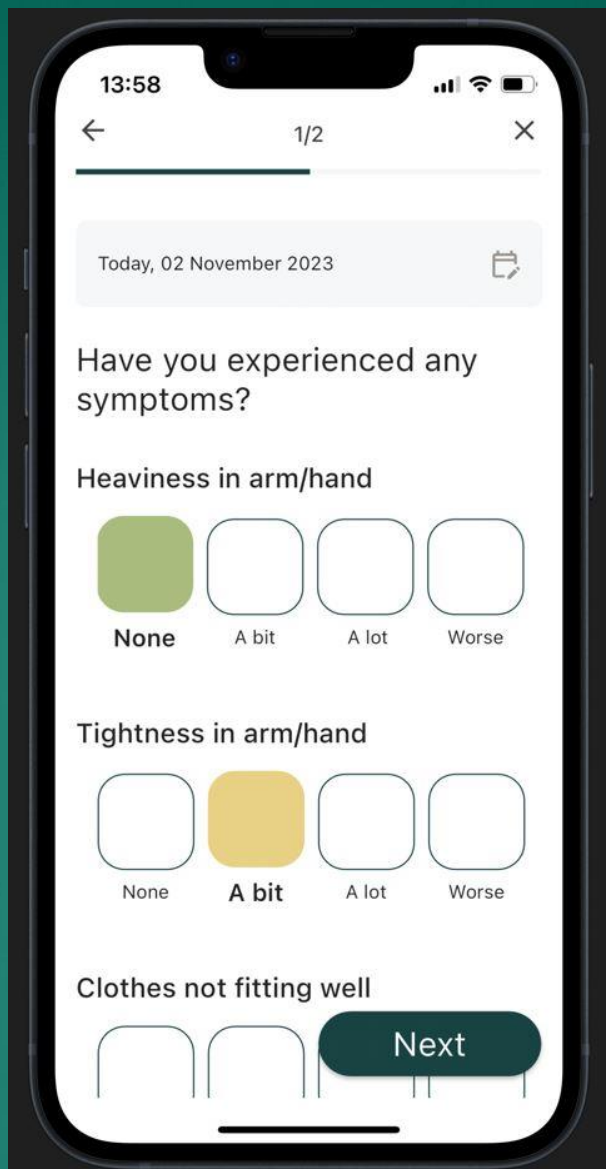
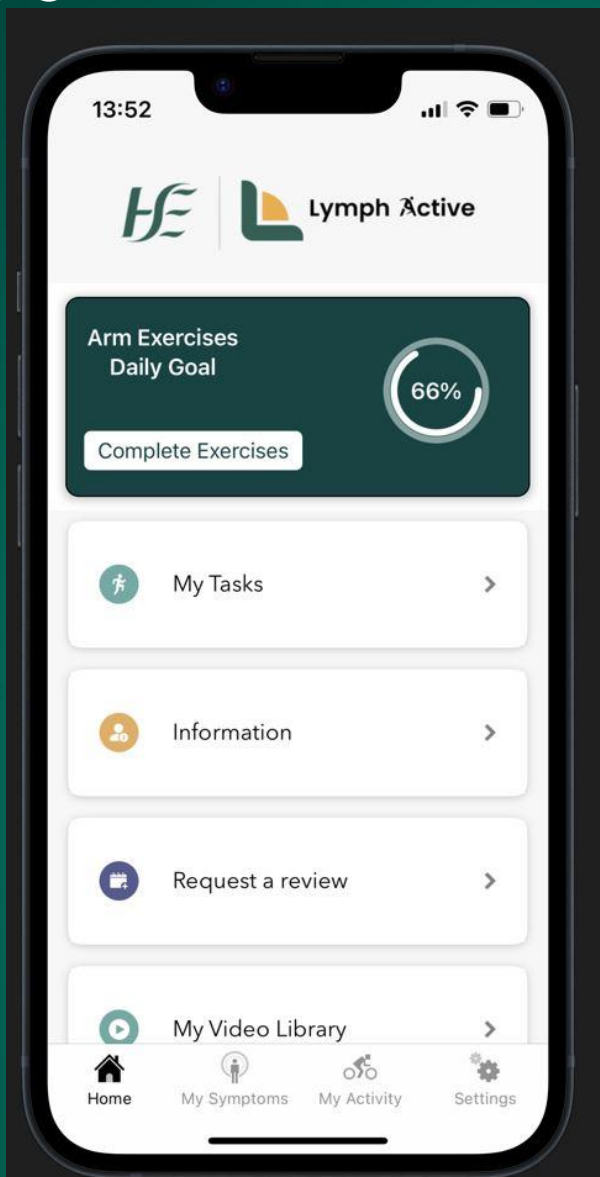


LYMPHOEDEMA

46 % Of Women develop Lymphoedema after Breast Cancer
1490 Patients a year develop Lymphoedema



Introducing Lymph Active: Information, Symptom Tracker ,Exercise tracker, Patient initiated review





Funded by Better Public Service
DPER



Patients: Dee ,Pat ,

HSCP Sinead Kathy Claire Aileen



Thanks to Sinead, Kathy, Kay , Zoe , HSE Digital Communications



“Resilience” Just keep going.

The importance of mentors ,role models
Put a hand back and pull another Woman along with you.



Lucy Fallon Byrne, Rosarii, Ita Hegarty



“Resilience” Just keep going.

The importance of mentors ,role models
Put a hand back and pull another Woman along with you.



Loreto Students Wexford



Thank you
lorraine.smyth@hse.ie

**Women in IT Awards: Digital Transformation
Leader of the Year 2021**

Women in IT Awards: Innovator of the Year 2021

**Irish Healthcare Awards: Student Project of the
Year 2021**

**Women in STEM Award Winner 2023 (Health
Technology)**

**Network Ireland Wexford: Business Woman of the
Year (STEM Professional) 2023**