

Caring for CAR T patients: the nursing perspective

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Chaired by Linda Gomm

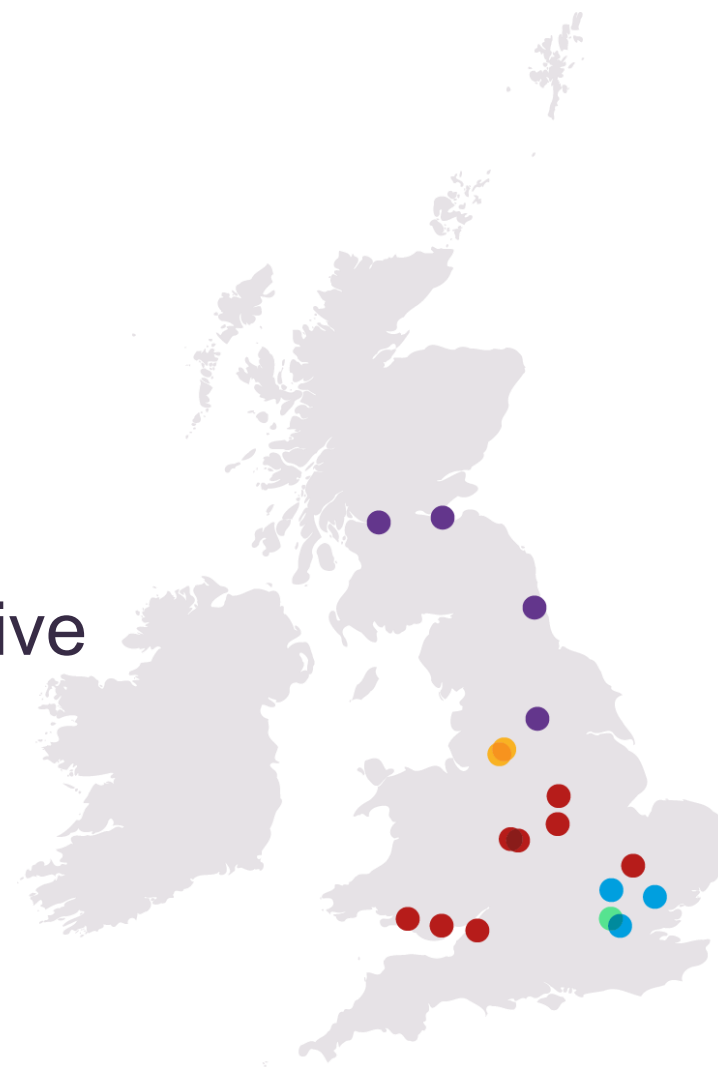
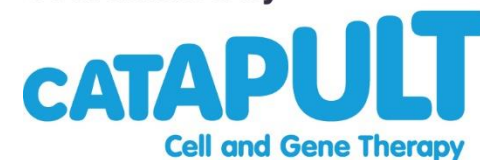
Lead Cell Therapy Research Nurse, Guy's and St Thomas' NHS Foundation Trust

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Who are LAT and the ATTCs?



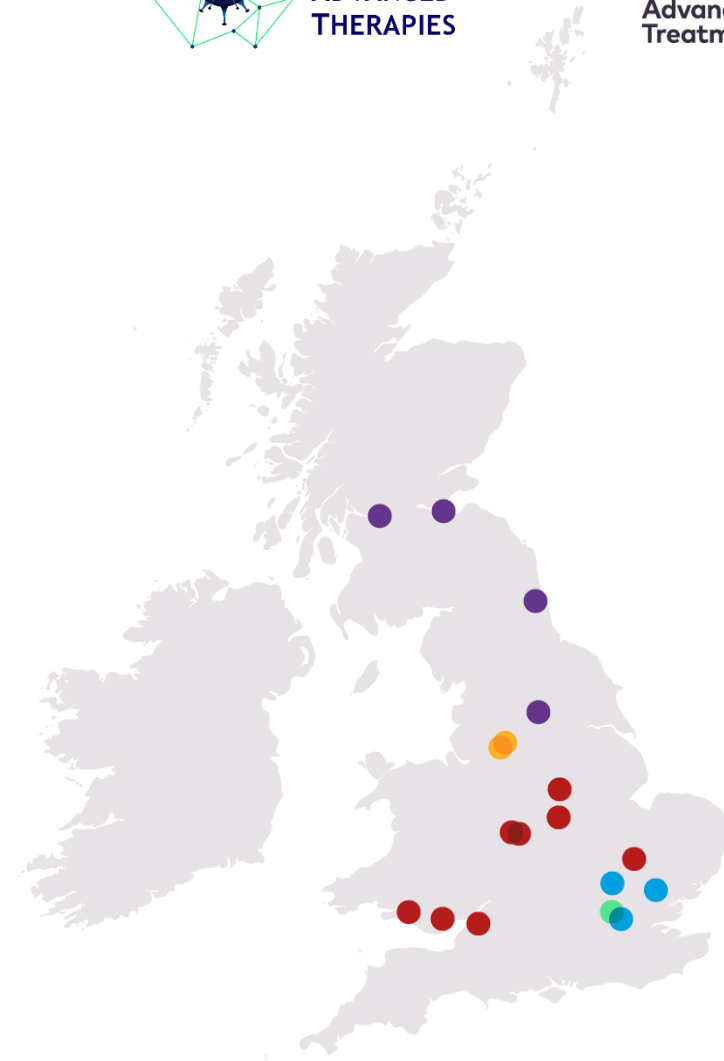
The ATTC (Advanced Therapy Treatment Centre) network is funded by Innovate UK and the Industrial Strategy Challenge Fund

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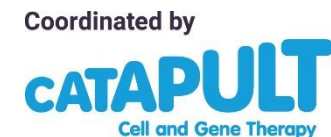
The centres are working together, along with the Cell and Gene Therapy Catapult to specifically look at the training requirements for the current workforce and what needs to be put in place for them to be ready to deliver the treatments that are currently being developed.

This series of webinars is designed to help increase the awareness of advanced therapies and their impact in the clinic

Find out more at <https://www.theattcnetwork.co.uk/>



Please add any questions you have into the Q&A box



The background features a large, textured sphere in the center, rendered in shades of purple, pink, and orange. From this sphere, numerous thin, wavy lines radiate outwards, some in purple and others in a lighter, yellowish-orange. Below the main sphere, there are several smaller, green, textured spheres. The overall aesthetic is scientific and abstract.

CARING FOR CAR T PATIENTS: THE NURSING PERSPECTIVE

- KATIE BRICE – CAR T CELL SPECIALIST NURSE
- MANCHESTER FOUNDATION TRUST
- TUESDAY 13TH APRIL 2021
- ATTC NETWORK AND LAT WEBINAR

PRESENTATION OVERVIEW

- The patient pathway in CAR T cell treatment
- Challenges
- Case studies
- Opportunities

PATIENT PATHWAY

Referral to CAR-T centre

National MDT

Patient
registration/manufacturing slot

Leukapheresis

Bridging



Lymphodepletion

CAR-T infusion

Follow up



CHALLENGES

- 
- Psychological Impact/managing expectations
 - Psychosocial factors
 - Family/carers education
- 

CHALLENGES

- Managing logistics
 - Communication with referring Centre
 - Coordinating bridging (timing)
 - Rapid disease progression whilst waiting slots or manufacturing (performance status worsening)

CASE STUDY I.

- 30 year old male, from Scotland
- DLBCL who has a history of UC and has a jejunostomy and colostomy requiring TPN feeding
- Relocation to Manchester for CAR T treatment

CASE STUDY I.

- Financial stress
- Referred to community nutrition team - local team sent fridge/supply of TPN.
- Communication with local team

CASE STUDY 2

- 34 year old female, from Ireland
- 16/12/2019 - referred to Manchester
- 24/12/2019 - approved at national panel
- 08/01/2020 – apheresis
- 15/01/2020 - presented to local hospital with acute onset of confusion.

CASE STUDY 2

- CT Brain showed evidence of CNS disease.
- MATRIX chemotherapy (1-2 cycles)
- CT scan showed further progression of abdominal disease.
- 12/02/2020 - RIP

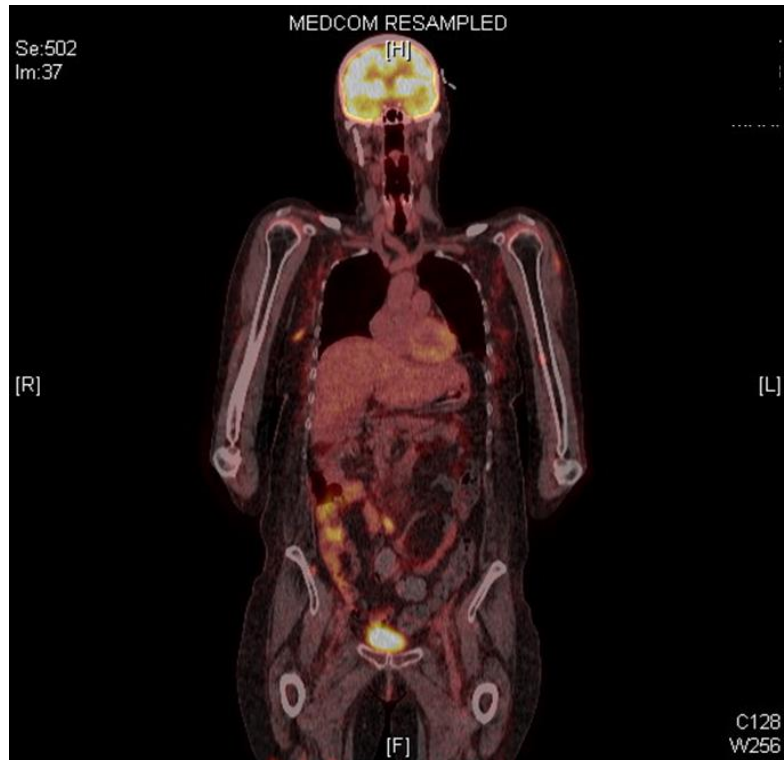
CASE STUDY 3

- 70 year old male. Refractory diffuse large B-cell lymphoma
- Main carer for wife (stroke, COPD, arthritis, depression)
- Family member expressed concerns regarding the property

CASE STUDY 3

- Referred to social worker - home visit
- Referred for respite care/rehousing
- Delayed discharged

PET SCAN



Pre CAR T pet scan



3 month post CAR T



OPPORTUNITIES

- Nurse led clinics - long term follow up
- Shared/collaborative learning
- Nurse education events
- Support groups and network

PATIENT/FAMILY COMMENTS

“When we came to see you in the spring I don’t think we ever imagined we would get here”

“We now have a chance of a longer future”

“Hopefully my brothers experiences will help others”

“Thank you for believing in me and giving me this opportunity”

“Whilst we don’t know what will happen in the future, for now this is the best news we could hope for”

Q&A



Please add any question you have into the Q&A box

Please fill in feedback survey, your input is really valuable to us

Next Webinars:

Advanced therapies and NHS readiness: 26th April, 4pm

Ewan Morrison, *Director of Pharmacy, NHS National Services Scotland*

Discharge considerations of CAR-T patients: 27th April, 4pm

Katie Brice and Eleni Tholouli *CAR-T Clinical Nurse Specialist, Manchester Royal Infirmary and Consultant haematologist, Manchester Royal Infirmary*

Missed any of our webinars? The full list to past sessions available on demand and up coming presentations

<https://www.theattcnetwork.co.uk/network/advanced-therapy-education-webinar-series>

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