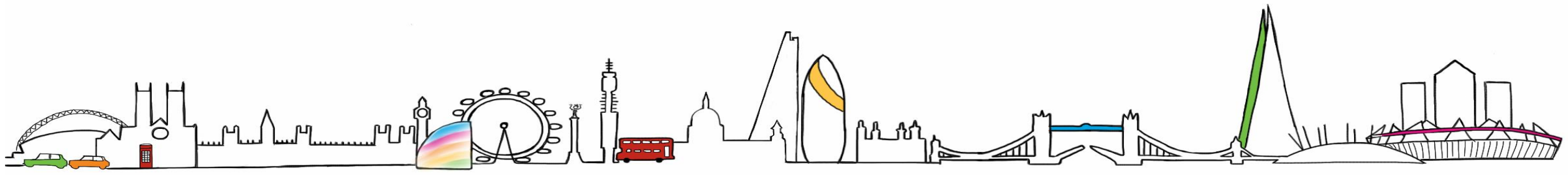




Advanced Nurse Practitioners in Paediatric Critical Care Transport



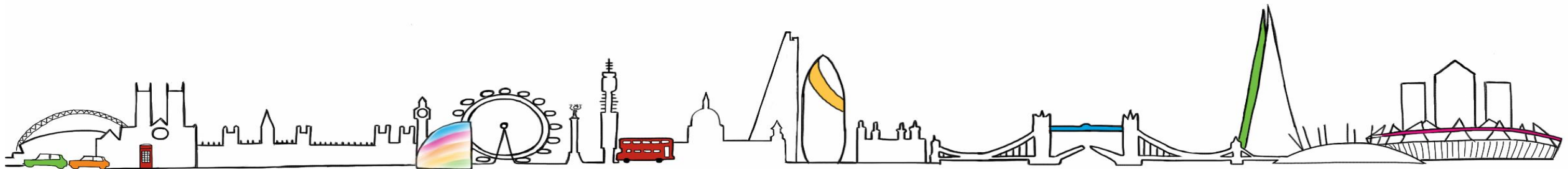
Sasha Herring
Retrieval Nurse Practitioner



The road to success.....

- Where we started
- Where we are now
- How we got here
- The bumps in the road
- Survey of Scope of Practice

**terminology RNP, ANP, ACP, ACCP





Evelina
London

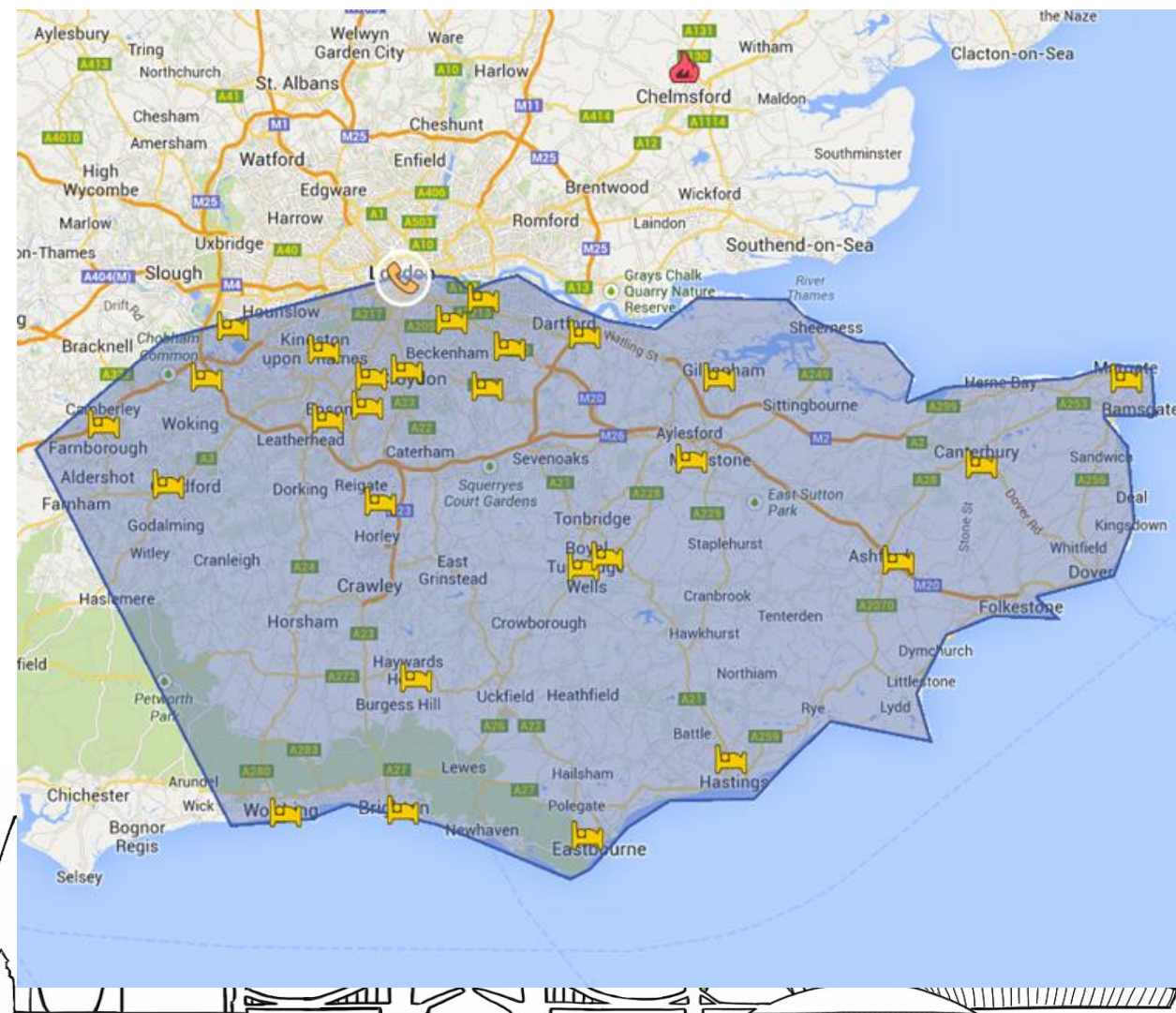
Guy's and St Thomas'
NHS Foundation Trust

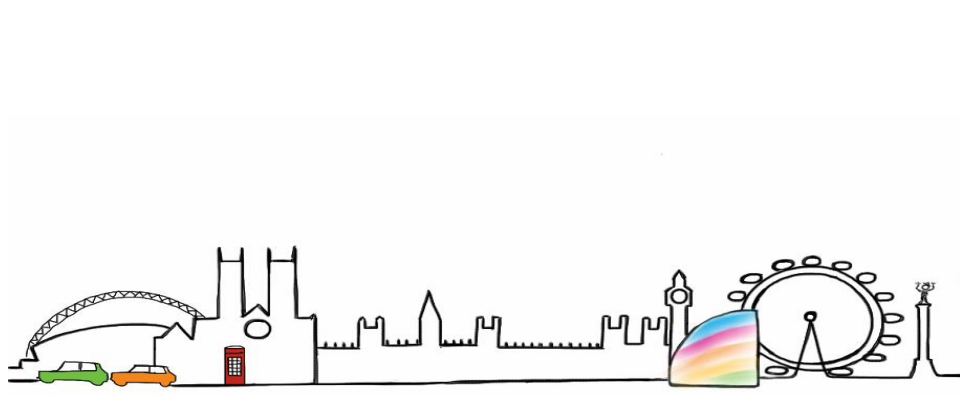




South Thames Region

- 20 District General Hospitals (DGH)
- 3 Paediatric Intensive Care Units
- 2.5 million children
- 8170 square miles







Summary of STRS Data 2021



- 1978 referred to STRS
- 1022 transferred by STRS
22 of these were adult transfers
- Unable to transfer 50
- 13 deaths



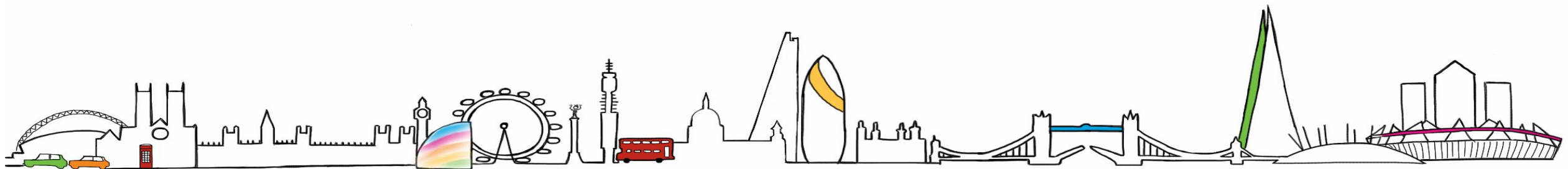


Where we started....

Vision

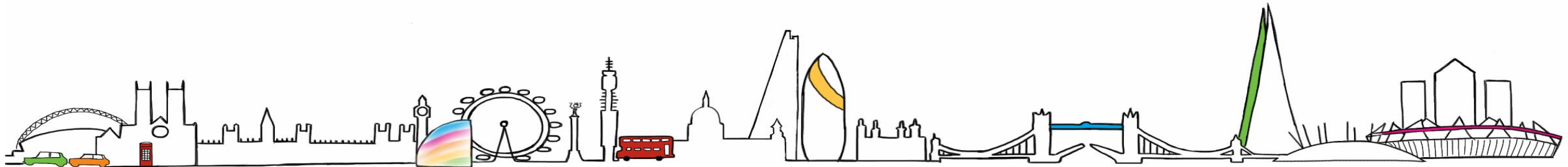
Retrieval Nurse Practitioners will assess, stabilize and transfer acutely unwell children from one location to another.

They will be skilled in: advanced patient assessment & management, advanced airway skills including intubation and vascular access including central line insertion.





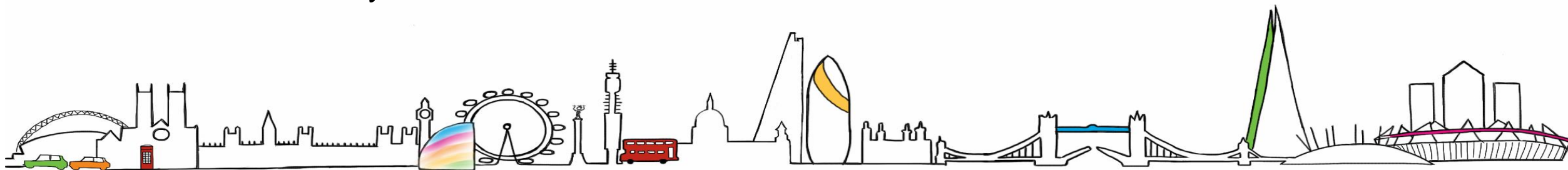
- First RNPs began training in **2003**
- Practicing independently since **2006**
- Non-medical prescribing **2007**
- MSc Children's Advanced Nurse Practitioner
London South Bank University





Where we are now?

- Between 2003 – 2022: **99** participants enrolled on course
 - From London, Edinburgh, Glasgow, Leicester, Bristol, Southampton, Oxford, Ireland
- **49** have completed the whole 3 year course
 - 46 nurses, 2 paramedics, 1 physio
- **12** currently in training
 - 9 in 1st year
 - 3 in 2nd year





Current Advance Nurse Practitioner MSc

EST 1892 **LSBU**

**MSC ADVANCED
PAEDIATRIC CRITICAL
CARE PRACTICE**

Southwark Campus and Evelina London Children's
Hospital

Mode: Part-time

- The only paediatric critical care ACP masters in Europe
- 3 years part time
- Accredited by LSBU
- Accreditation by HEE pending
- Accreditation by RCPCH pending
- Under consideration by FICM as pilot programme

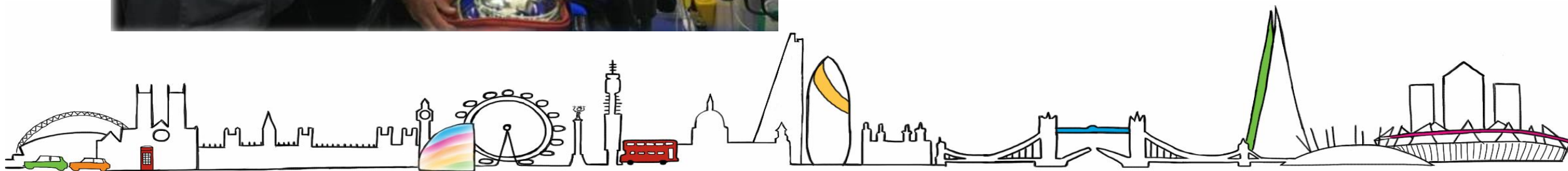




Retrieval Team

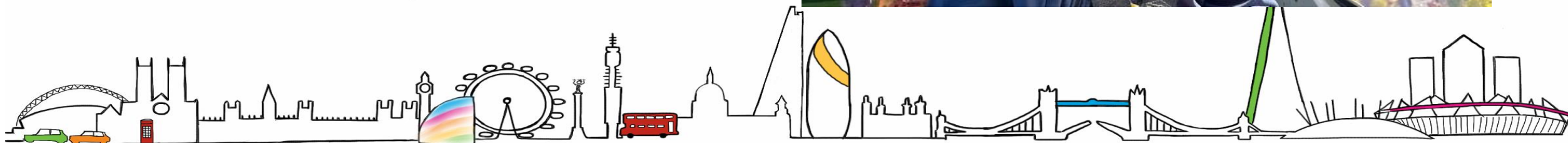


- Retrieval Lead
- Retrieval Nurse
- Ambulance technician
- +/- trainee



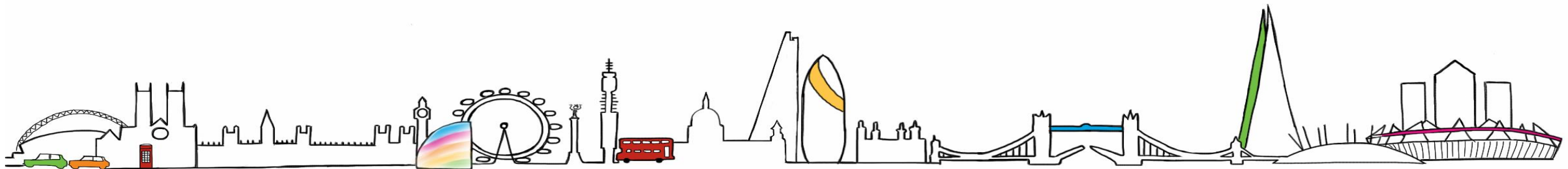
Retrieval Leadership 2021

- RNPs performed 610 retrievals as medical lead (64%)
- 51 retrievals had RNP trainee present
- Fellows led 310 retrievals (33%)
- Consultants present 23 (2.5%) retrievals usually in supervisory capacity



Retrieval Acuity Jan – Aug 2022

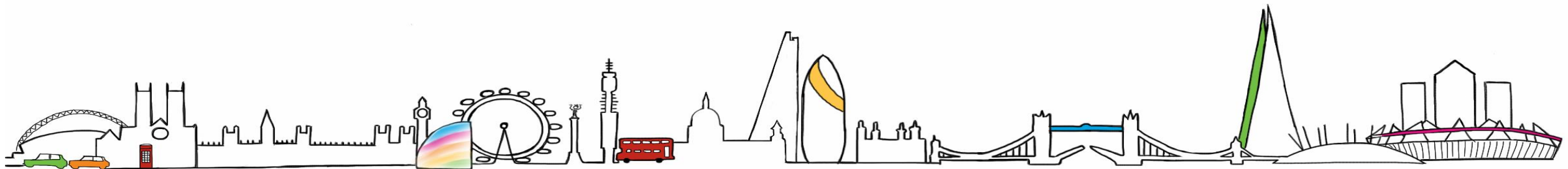
Referrals	Retrievals	Invasive Ventilation	Other Ventilation	Inotropes
1143	560	347 <i>62%</i>	30 <i>5%</i>	72 <i>13%</i>





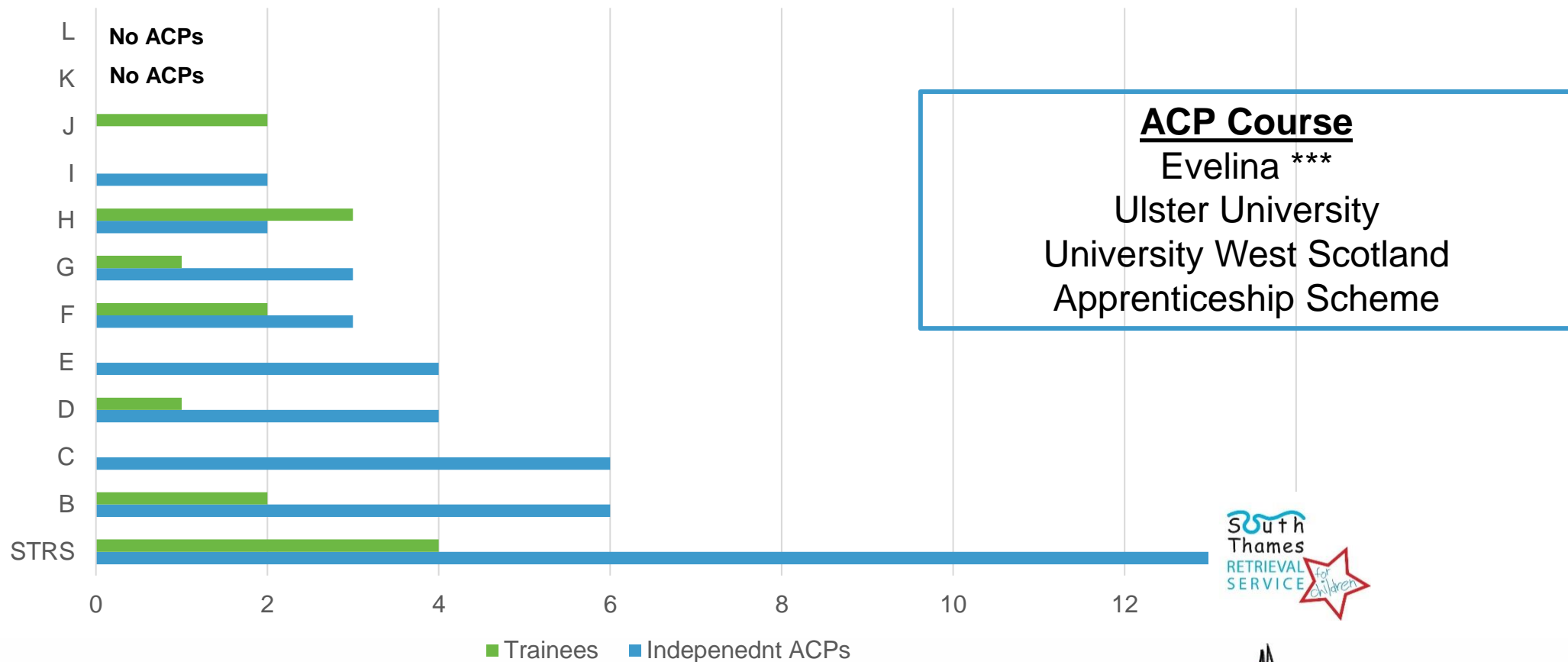
Evaluation of ACPs in **Retrieval Services** & PICUs in UK

Aim: to evaluate the role of ACPs working in paediatric intensive care units and paediatric critical care transport services in order to explore the variations in their scope of practice.



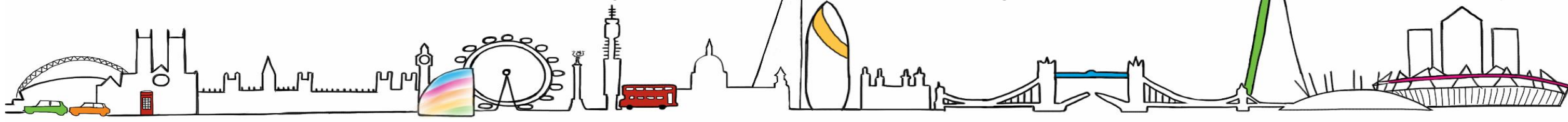
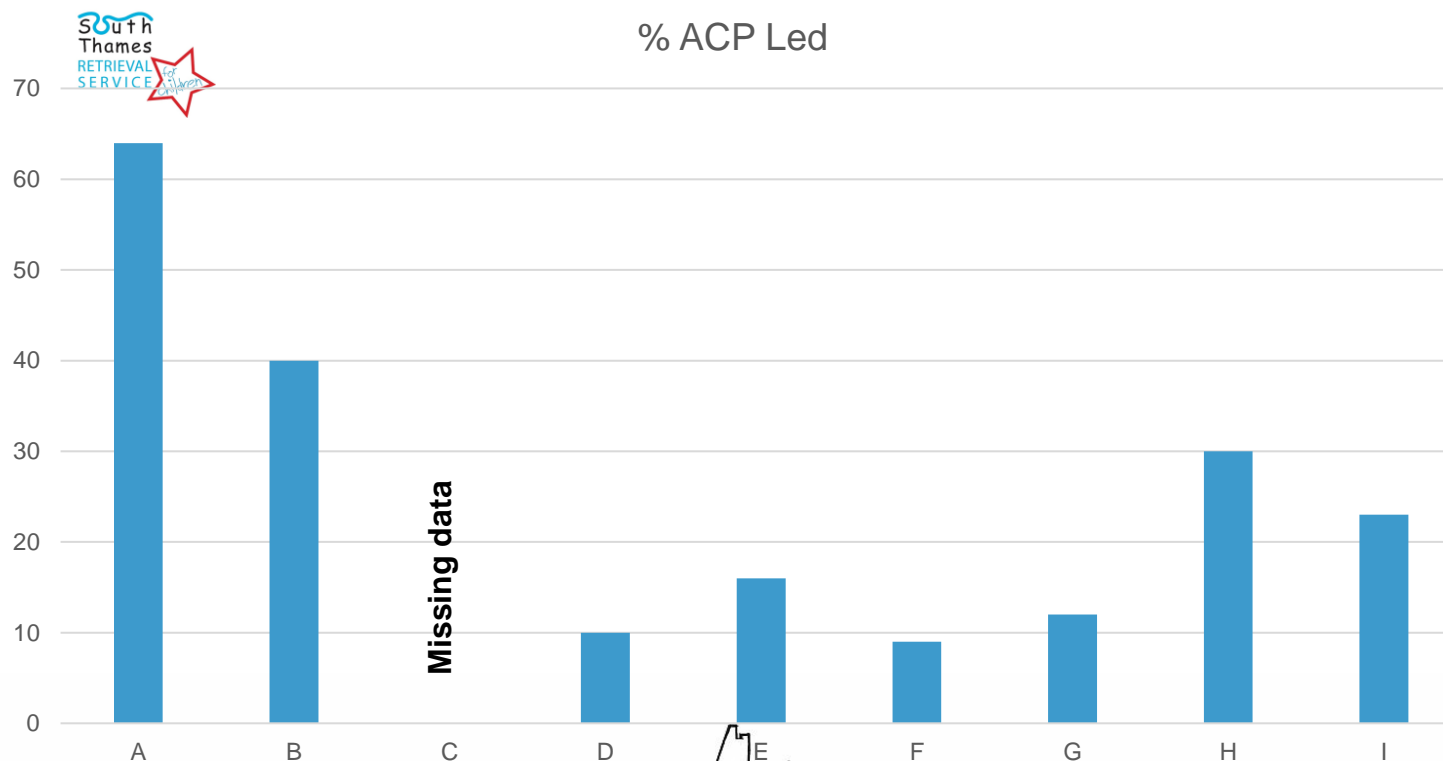


Advance Clinical Practitioners in UK Retrieval Services



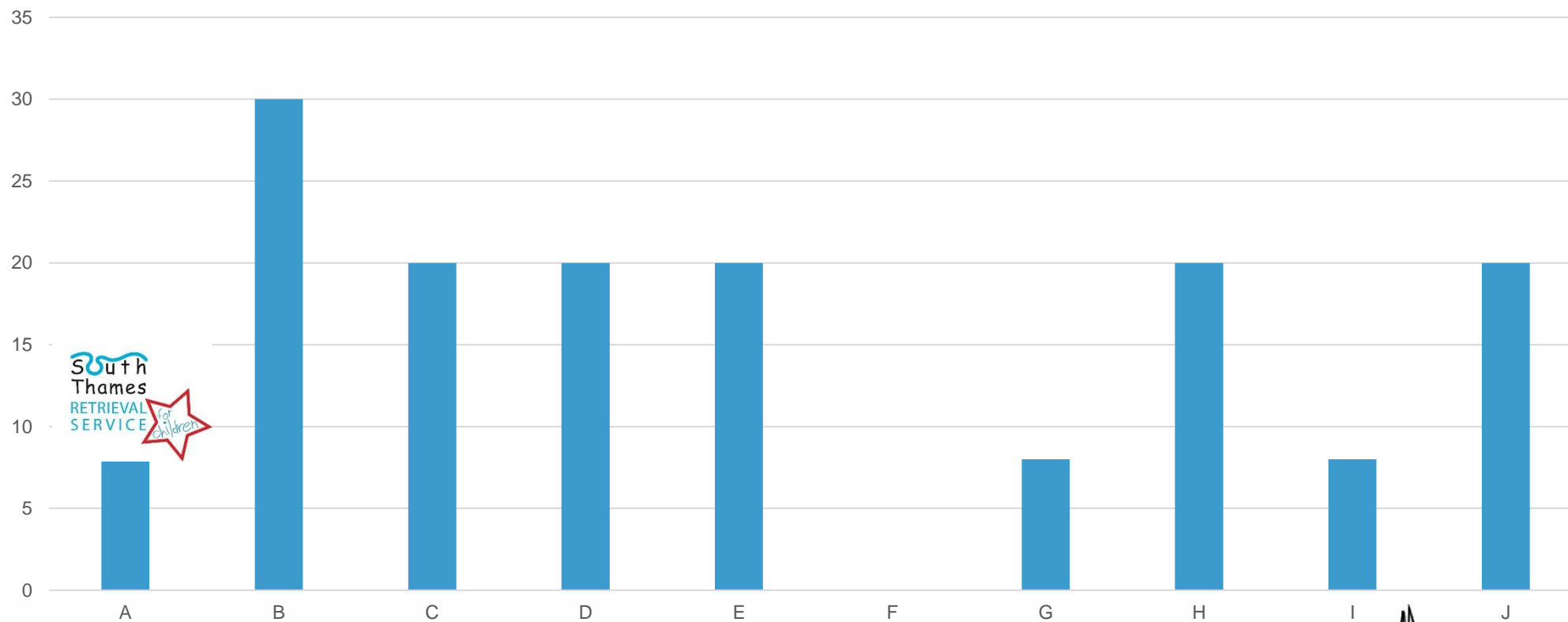
Scope of Practice

ACPs led between 10% and 64% of retrievals

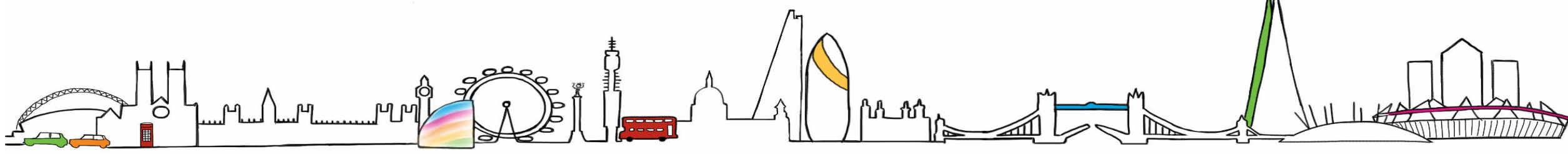




Percentage Non-Clinical Time

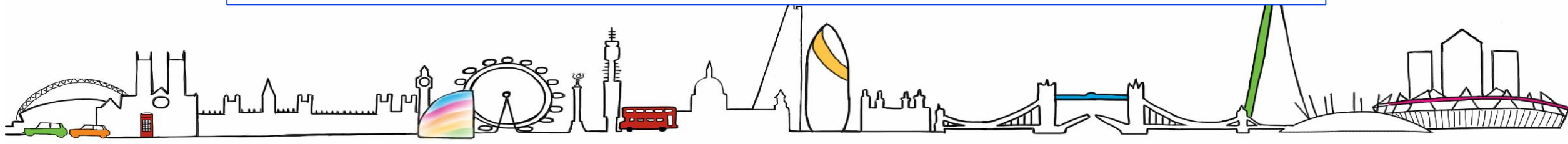


South
Thames
RETRIEVAL
SERVICE
for children





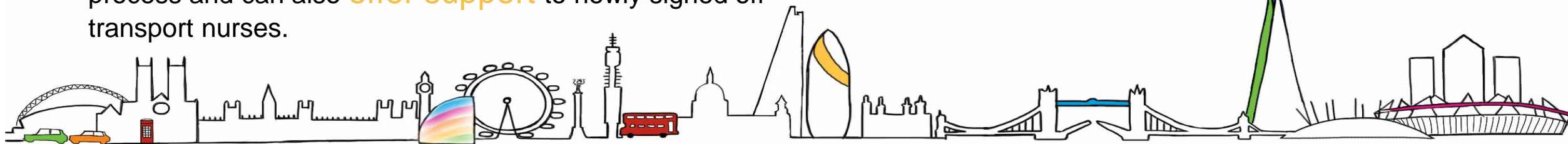
How do ACPs Meet 4 Pillars





Benefits of ACPs

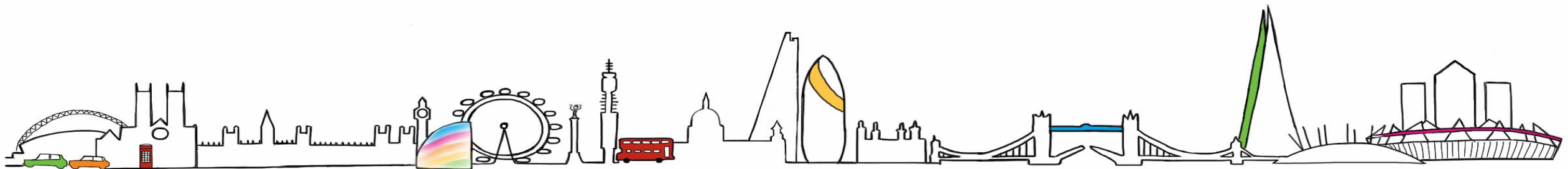
- Increased service delivery by **highly trained** team
- **Role models** for other non-medical staff
- Backbone of service, **stability**, **flexibility**, **expertise**, education **resource**, **professional excellence**, role models for communication
- **Consistency** in approach, **reliability in communications**
- **Consistency** of team members/all rounded **experienced** member of the team/enthusiasm and interested in service development
- **Skilled** but also **experienced** practitioners in both the ACP and nursing role therefore a more efficient stabilisation process and can also **offer support** to newly signed off transport nurses.
- Highly **resilient** team where able to undertake **multiple roles** within the service according to Service requirements. **Longevity** in post leads to support and guidance of new fellows to service and stability that allows development of the service
- Compared to trainees: **more likely to be transport competent** (trainees often on 3 monthly placements),
- **Deep knowledge of service**, protocols and usual practice (**able to direct consultants appropriately**, as consultants usually do 2-3 shifts/month)
- Longitudinal **consistency** and **experience**, **resilience**
- Helping with the patients that do not need a consultant but need a medic





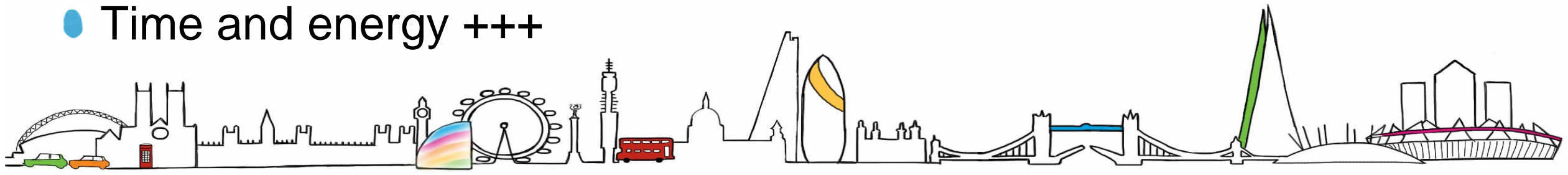
Downsides of ACPs

- 7 respondents felt there were no down sides
- Fewer shifts/opportunities available for medical trainees
- Need to balance medical training needs, need to actively maintain clinical skills



How we got here....

- Vision – years before!
- Then....recognition of a need
- Support from Medical Director
- Journey of faith
- Demonstration of value
- Publish and speak
- ££ Investment
- Time and energy +++



Going it alone: the beginning of a nurse-led retrieval service: South Thames Retrieval Service is training experienced paediatric intensive care nurses to transfer critically ill children, explains Sasha Herring

September 2010 · Paediatric Nursing 22(7):22-24

DOI: [10.7748/paed.22.7.22.s26](https://doi.org/10.7748/paed.22.7.22.s26)

Authors:

 Sasha Herring

ORIGINAL ARTICLE

Pushing boundaries in paediatric intensive care: training as a paediatric retrieval nurse practitioner

Jo Davies and Fiona Lynch

ABSTRACT

Traditionally in the UK, the transportation of the critically ill child to a led team of doctors and nurses. However, in countries such as the proven to be competent in the transportation of these vulnerable successful in the speciality of neonatal care in the UK. The impact of demand for the transportation of the child requiring paediatric intensive practice and the reduction of doctors' hours in keeping with the Euro UK developing the role of paediatric retrieval nurse practitioners (RNP) to describe a pilot initiative to develop the role of RNPs. The competency will be detailed. Personal reflection on the project will a definition, conflict and change management, communication, legislation future initiatives will also be explored.

Key words: Advanced nursing practice • Assessment of competency • Nurse practitioner

BACKGROUND



To this day, paediatric emergency retrieval teams in the UK have been exclusively doctor led. In the USA and Canada, however, nurse-led teams have been providing this service for over 10 years in some hospitals (Beyer *et al.*, 1992). Advanced neonatal nurse practitioners lead neonatal transport teams in this country, and this has been evaluated to be a practical and safe service (Leslie and Stephenson.

Australian Critical Care

Official journal of the Australian College of Critical Care Nurses Ltd

GUEST EDITORIAL | VOLUME 26, ISSUE 3, P102-103, AUGUST 01, 2013

Retrieval Nurse Practitioners: The role and the challenges

Sasha Herring  

Published: August 01, 2013 • DOI: <https://doi.org/10.1016/j.aucc.2013.07.003>

References

Article Info

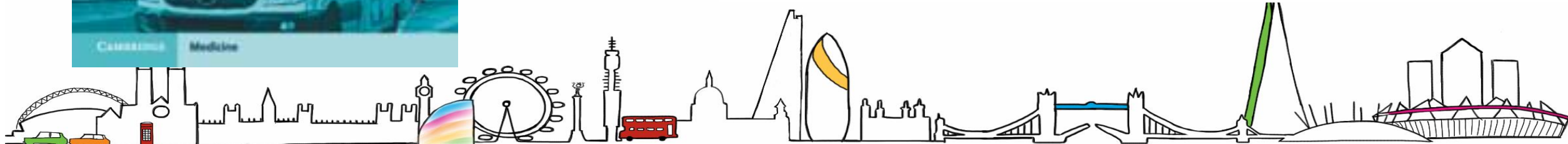
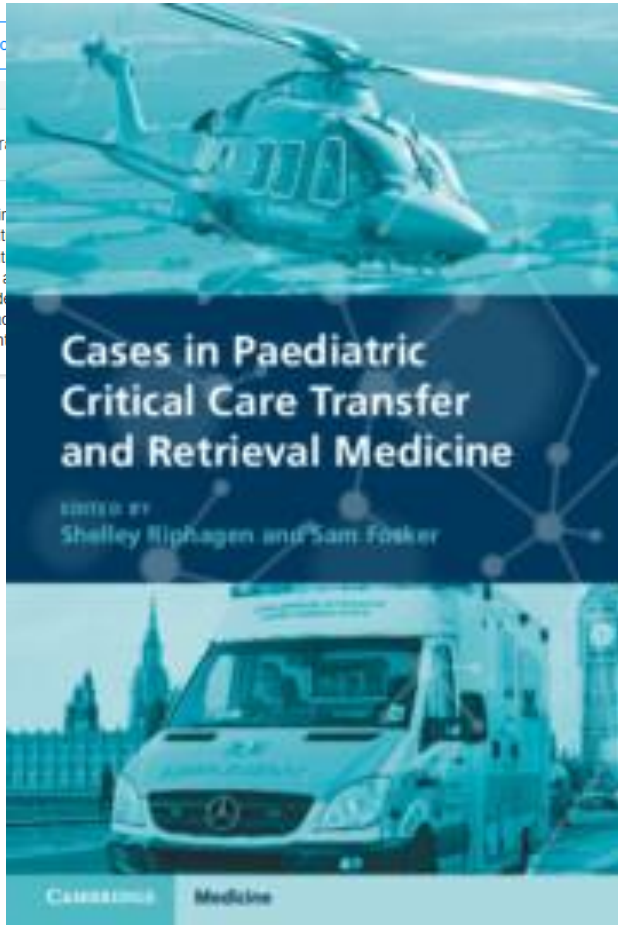
Related Articles

Attitudes of paediatric intensive care nurses to development of a nurse practitioner role for critical care transport

Joanna Davies, Fiona Bickell, Shane M. Tibby

First published: 15 October 2010 | <https://doi.org/10.1111/j.1365-2648.2010.05454.x> | Citations: 6

✉ J. Davies: e-mail: joanna.davies@gstt.nhs.uk



ACCCN Member Login

In 1997, the Department of Health (DoH) published "Paediatric Intensive Care: A Framework for the Future"¹ which made recommendations regarding the configuration on Paediatric Intensive Care (PICU) in the United Kingdom. District General Hospitals (DGHs) were to be able to *initiate* intensive care, but lead centres were to be identified in each geographical region in order to provide most of the intensive care, and to provide support for the area through provision of advice and training. A 24 h retrieval service for each geographical area was therefore recommended, and thus the South Thames Retrieval Service (STRS) was formed at Guy's and St Thomas' NHS Trust.



The bumps in the road



Where is the doctor?

Learning in a medical model

Prescribing

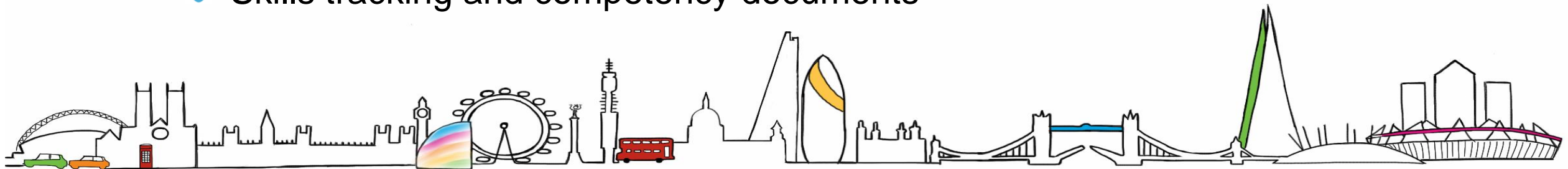
Funding

Power & relationships with nursing colleagues



Ongoing challenges

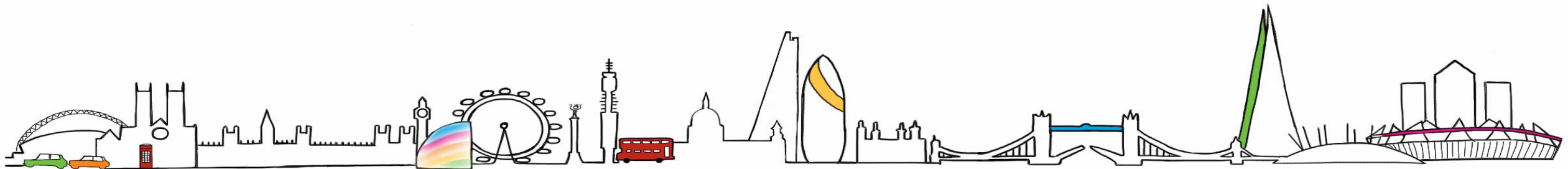
- Dynamics with nursing colleagues
- Lack of opportunities for career progression
- Protected training time v staff shortages for nursing colleagues
- Recruitment of new trainees
- Skills tracking and competency documents





The Future

- Expansion of team to cover more PICU ACP shifts – aim one per shift
- Extension of clinical skills – video laryngoscopy, ultrasound, lumbar puncture
- Retrieval Nurse Consultant





**Evelina
London**

Guy's and St Thomas'
NHS Foundation Trust



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