

Ocean2sky: An Online Learning Platform during the COVID Pandemic

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Aim: To provide ongoing postgraduate education throughout the pandemic in a safe manner

Background:

During the COVID-19 pandemic educational opportunities needed to continue for trainees. This was extremely difficult in the context of social distancing and constantly changing emergency rotas. Additionally, doctors from sub-specialties and the community teams required upskilling in acute paediatrics. New staff needed to have virtual inductions.

Prior to the pandemic Junior Doctors across the Evelina London Children's Hospital received face to face teaching twice a week, focussed on emergency, acute and general paediatrics.

Due to the pandemic face to face teaching was no longer possible. Furthermore, due to emergency rotas, fewer juniors were able to attend these allocated teaching slots.

We used an existing hospital online learning platform, Ocean2sky.uk, to address these needs.

Methods:

Junior doctor teaching was hosted virtually on Zoom and Microsoft Teams. All teaching was recorded and uploaded to our online learning platform Ocean2sky.uk, enabling staff to access teaching from home or at a later date.

An "upskilling" page was made available to all staff, particularly aimed at those redeployed to acute paediatrics from other specialties and community. These include paediatric resources and learning modules.

A junior doctor induction package was also included on the platform, for those rotating into the Evelina.

We compared the number of attendees at teaching prior to the pandemic with the number of users logging in to the Junior Doctor Teaching pages of Ocean2sky.uk.

OCEAN2SKY.UK

The Evelina's online learning platform used by multidisciplinary teams for ongoing professional learning and learning events. Ocean2sky uses Moodle, a free online learning platform.

The screenshot displays the Ocean2sky.uk website interface. It features several resource categories with corresponding images and text links. Categories include:

- PALS advanced life support [video]**: Includes a video thumbnail for 'Breathing' and 'Look, Listen & Feel'.
- Resus Council Paediatric Advanced Life Support [website]**: Provides a URL: <https://www.resus.org.uk/resuscitation-guidelines/paediatric-advanced-life-support/>.
- Accident & Emergency**: Lists resources such as 'Emergency burns management (minor and major)', 'Emergency Series 3: C-Cardiovascular Assessment', 'Sepsis Talk', and 'Minor Injuries'.
- General Paediatrics**: Lists resources like 'Bronchiolitis talk', 'DIAMONDS_Making diagnosis personal talk', 'Evidence based medicine in practice talk', 'What's so different about adolescent health anyway talk', 'Hospital@Home', and 'Well being and Reflective Practice'.
- Renal/Nephrology**: Lists a resource 'Salt, Water and Acid: Renal cases in electrolyte disorders talk'.
- Respiratory**: Lists resources like 'Management of acute severe asthma talk', 'Challenges of managing asthma in children', and 'Respiratory management of children with severe neurodisability talk'.

Examples of resources and materials on the ocean2sky.uk Junior Doctor Teaching Paediatric Pages.

Results:

Previously, on average, ten doctors would attend face-to-face teaching. Ocean2sky has received an increasing number of hits since its creation. 64 new staff members have accessed the content, including nurses and consultants.

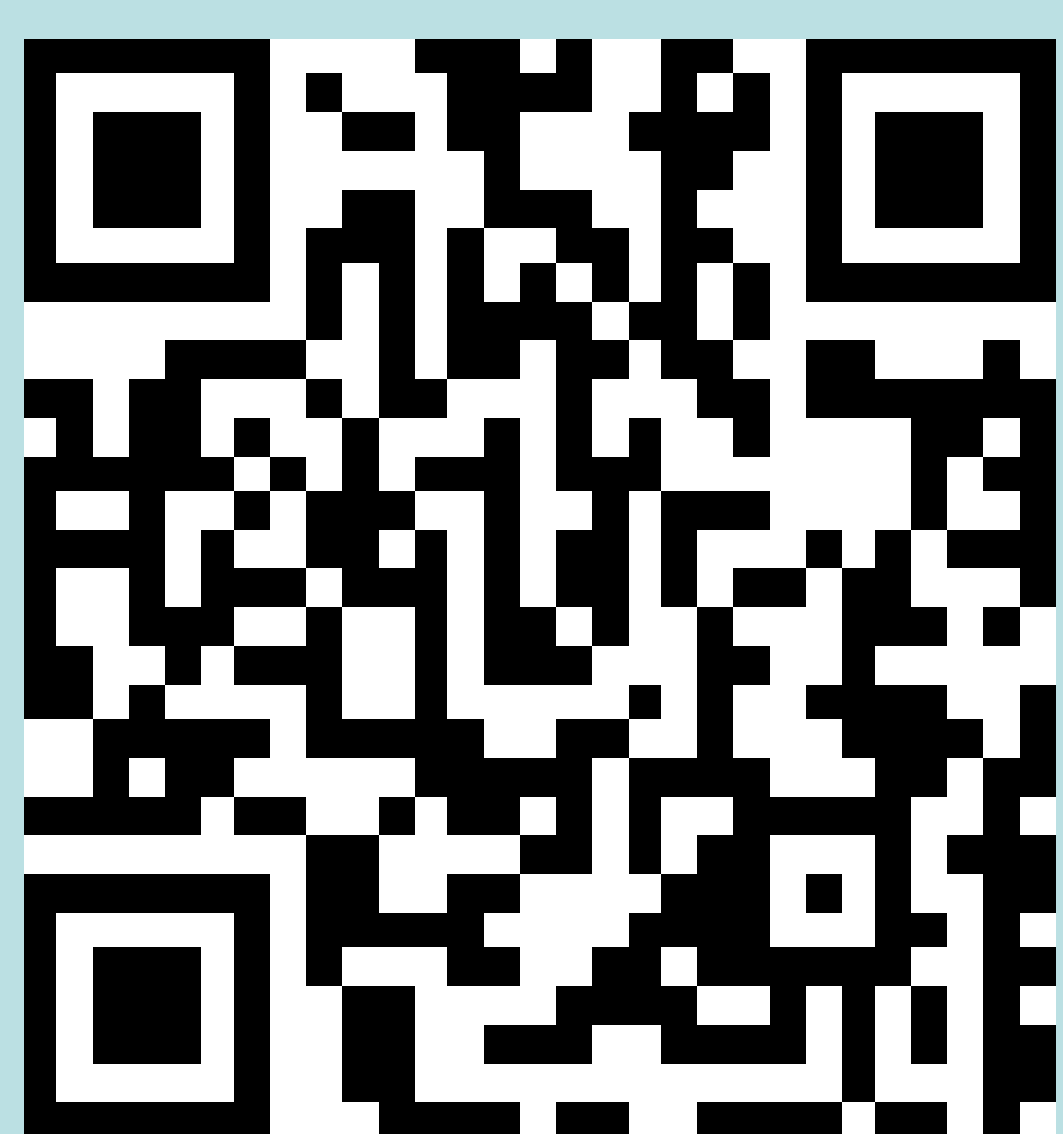
The induction package received positive feedback with an average ranking of usefulness as 3.5 out of 5.

Discussion:

The Pandemic has had many vast effects across medicine and education. We have had to adapt the way in which postgraduate education is delivered.

Changing the way that we share and access teaching has insured that education has continued. It seems to be a popular addition to the way we teach and is being accessed by a wider audience than previously seen.

We will continue to use and improve our online learning platform, even when face to face teaching returns to our hospital.



Use the QR code to visit Ocean2sky.uk Register to join our Junior Doctor Teaching Page

The screenshot shows the 'Junior Doctor Teaching' welcome page on Ocean2sky.uk. It features the Evelina London logo and a message: 'At Evelina London, we strive to create a learning culture for healthcare professionals to enhance specialist skills. We aim to provide continual support, education and training opportunities. We provide a wide range of training programmes, including simulation, clinical skills, specialty training, management and leadership development; plus undergraduate and postgraduate academic education courses.' Below this, there is a 'Welcome' section and a 'Evelina London Medical Education WhatsApp group' section with instructions on how to join.

Welcome Page for Junior Doctor Teaching on Ocean2sky.uk