

Improving Identification of Jaundice and Neonatal Rashes in Babies from Black, Asian and Ethnic Minorities

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BACKGROUND

Jaundice in Black, Asian, and minority ethnic infants is often identified later > **increasing health inequalities.**

Neonatal clinical assessments rely on “colour” descriptions, impacting accuracy across skin tones.

The NHS Race & Health Observatory (July 2023) reviewed jaundice in ethnic minority newborns, finding assessments **"not fit-for-purpose."**

RECOMMENDATION: Develop a national image database of ethnic minority neonates to enhance healthcare training.

PROJECT AIM: Collect and use diverse images of jaundice and neonatal rashes for local and national healthcare education.

METHODS



Designing a patient leaflet



Creating a secure email address

Sth.ethnicityqipproject@nhs.net

Protected so that only those granted by IT service desk can gain access



Creating a consent form

Based on the trust consent form for medical photography in general.



Where to keep images safe? Image Collection

“S” drive with protected access and started image collection.



Creating an educational video

RESULTS

See below some example images from our image bank, for educational use



FUTURE WORK

1. Continue image collection and expand beyond The Jessop Wing
2. Edit the video for educational use
3. Local and national teachings, with easy access to the image bank and video if unsure clinically
4. Create an online learning via the Yorkshire and Humber ODN Platform

References

1. Baskaran D, Gale C, Jawad S, et al. Kernicterus in neonates from ethnic minorities in the UK. Archives of Disease in Childhood - Fetal and Neonatal Edition 2023;108:432-433.

2. Dunkley-Bent, J., & Rajasingam, D. (2023). Review of neonatal assessment and practice in Black, Asian, and minority ethnic newborns. NHS Race & Health Observatory.