

# ASCILITE 2025

**Future-Focused:**  
*Educating in an Era of Continuous Change*

## Visualising learning: A curriculum mapping dashboard for ophthalmology training

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This proof-of-concept study explores the feasibility and usability of an interactive curriculum mapping dashboard designed to support informed decision-making around ophthalmology trainee rotations. Developed using data from the Royal Australian and New Zealand College of Ophthalmologists' eDiary (surgical logbook) and Curriculum Component Survey, the dashboard allows stakeholders including trainees, supervisors, training networks, and the college to visualise curriculum coverage and identify potential gaps in clinical learning across training sites. Two key datasets informed the project: (1) 2023–2024 eDiary data, selected due to improved completeness following the introduction of required minimum procedures, and (2) 2023 Curriculum Component Survey data, which captured the type (Observe, Assist, Perform) and frequency (Frequent, Moderate, Occasional) of curriculum exposure reported by training sites. Data were integrated and visualised using Microsoft Power BI, with dashboard prototypes tested by college staff, Fellows, and committee members. The results highlighted substantial variation in clinical exposure across training posts and demonstrated how dashboard filters could assist in aligning individual trainee needs with available learning opportunities. User feedback confirmed the dashboard's value in supporting planning and transparency, while also emphasising the importance of data accuracy and quality to ensure trust and usability. Overall, this study demonstrates the potential of a curriculum mapping dashboard to enhance data-informed training decisions in specialty medical education.

**Keywords:** Curriculum Mapping, Clinical Training, Learning Analytics, Dashboard Visualisation

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