

Eyelid Lump Video Consultation

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Lid Lesion Video Clinic Pathway

2019

I saw this patient yesterday. Shall I bring her back or is it OK to discharge?





Open access

Original research

BMJ Health &
Care Informatics

Accuracy of periocular lesion assessment using telemedicine

Swan Kang ¹, Mohammad Dehabadi,¹ Dawn A Sim,² Peter B M Thomas ²,
Doris Appiah Ewusi,¹ Daniel Ezra¹

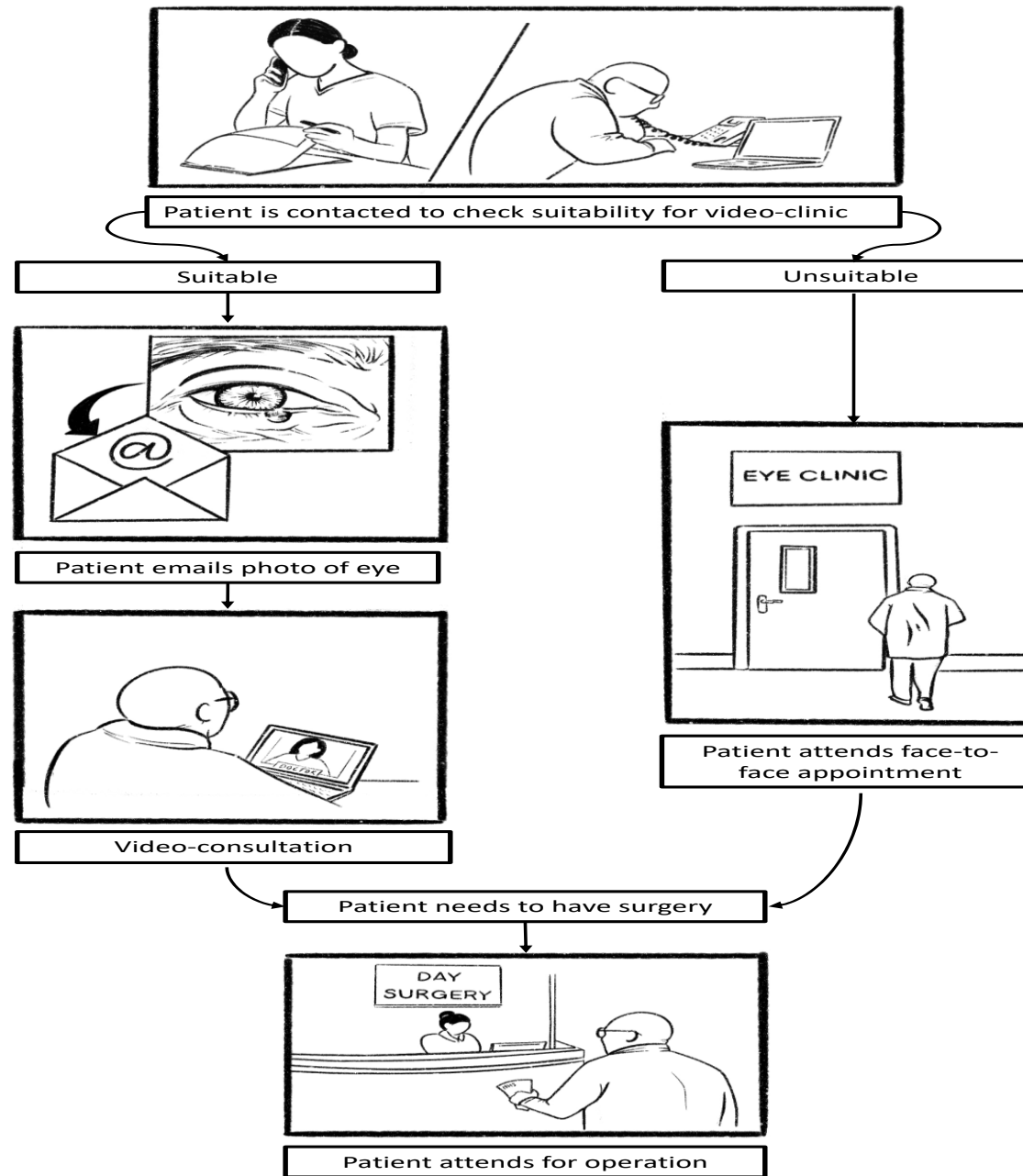
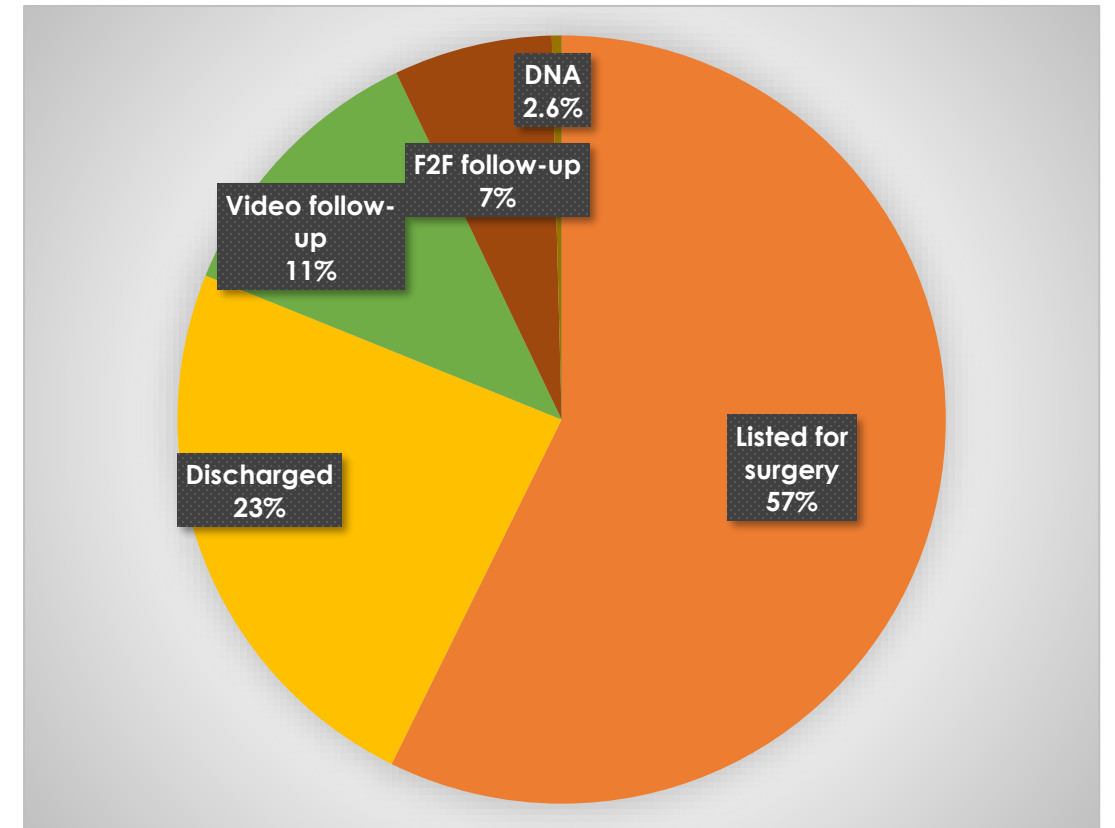


Illustration created by Caroline Kilduff

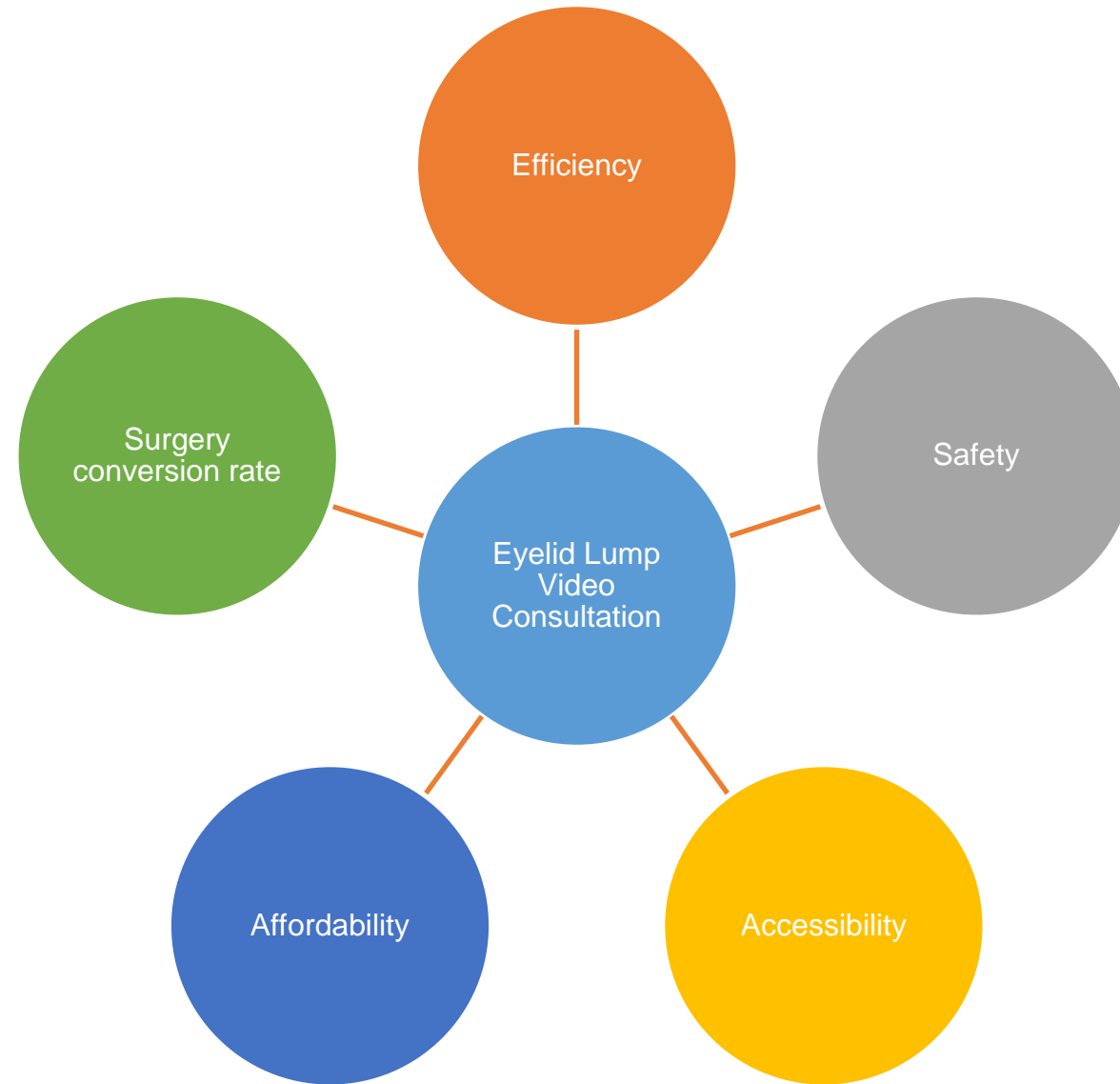
Lid Lesion Video Clinic Pathway 1 Year Experience

- Total 1,101 appointments (974 patients) over 1-year period between July 2020 and July 2021
- 875 patients (90%) had one appointment
- The average age 40 (range 16 to 97)
- Most common conditions seen
 - Chalazion 64%
 - Benign epidermal cyst 11%



Manuscript in preparation

Laura Ah-Kye, Anum Butt, Ankur Gupta, Hannah Timlin, Peter Thomas, Dawn Sim, Daniel Ezra and Swan Kang



Efficiency

	Video clinic	Face-to-Face clinic
Consultation duration	8-9 minutes	15 minutes
Average waiting time	13 minutes	Approx. 1-2 hours
Number of patients per clinic	8-10 patients	5-6 patients
Time from referral to clinic appointment	11 weeks	15-25 weeks
DNA rate	2.6%	18.4%

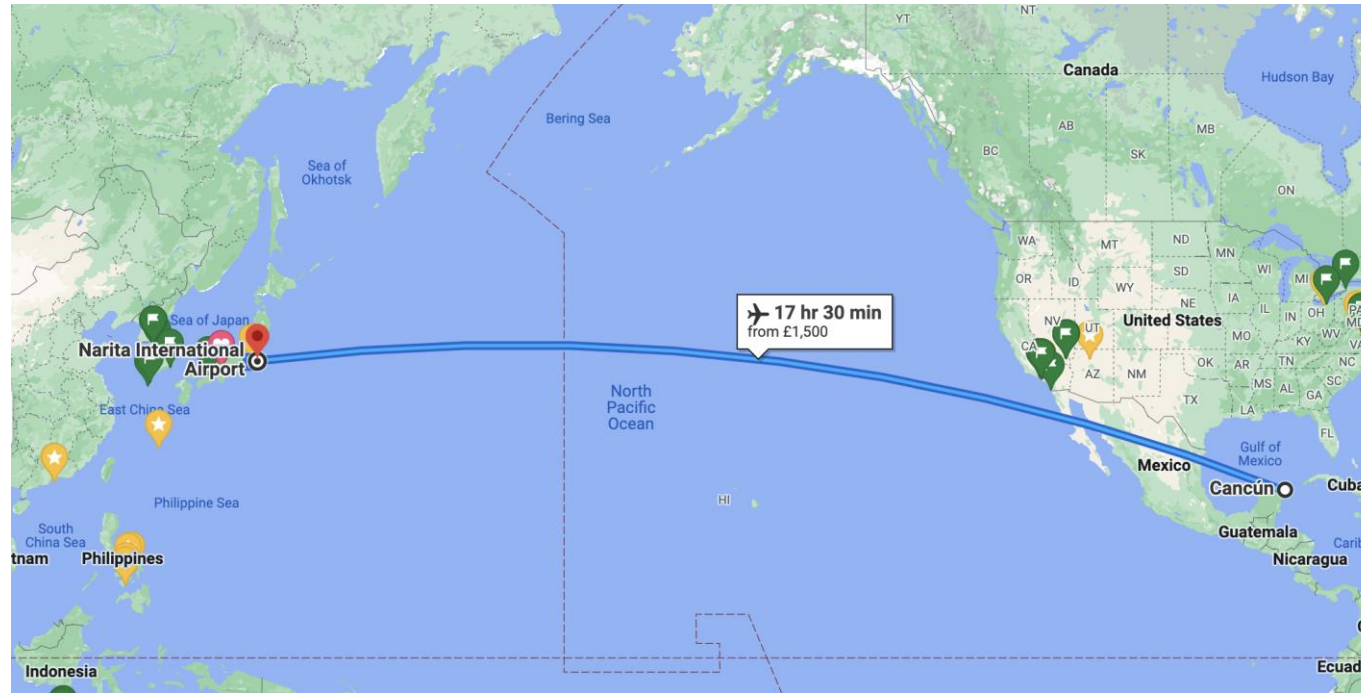
Safety

No cases referred back as malignant up to Feb 2022

Safety audit of first 50 cases seen in this newly established pathway

- Patients fit for discharge were booked into surveillance clinic 3 months later
- No missed cases of malignancy
- Where available, F2F diagnosis and management plan matched video assessment

Accessibility



Total distance **saved** that patients would have travelled
7443.91 miles (11,979.8 km)

The total carbon footprint of this flight
1.7 metric tonnes of carbon dioxide emission (CO₂e)

Affordability

Face-to-face clinic minimum required staffing	Video clinic minimum required staffing
Clinician	Clinician
Receptionist	Virtual receptionist (shared across the Trust to cover all Attend Anywhere clinics)
(Usually) Band 5 Nurse	-
+/- HCA	-

National calculations are currently being conducted to estimate the cost of a video consultation

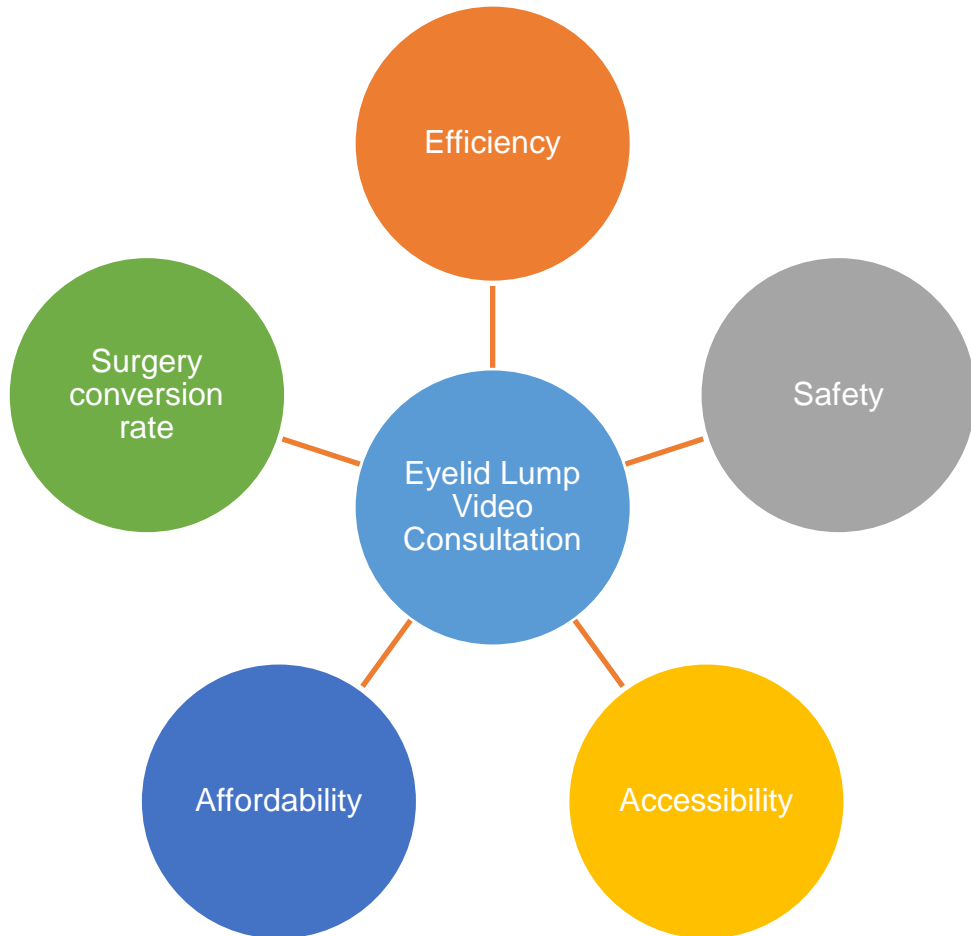
Video clinic – no need for a clinic space and consequently no overhead costs

Identification of Patients Needing Surgery

513 out of 558 patients (94.9%) listed proceeded to surgery.

Reasons for not proceeding with surgery	Number	Percentage
DNA	22	48.9
Lesions resolved	17	37.8
Patient declined	5	11.1
Unfit for surgery	1	2.2

Future Direction



- Ease of scaling up to tackle predicted rise in demand with ageing population
- Patient and clinician satisfaction
- Digital exclusion

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