WET AMD EMERGENCY SLOT AT EYE CASUALTY PILOT PROJECT

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BACKGROUND AND AIM OF PROJECT

- Wet age-related macular degeneration is a condition that is one of the leading causes of blindness in UK
- Failure of prompt treatment results in irreversible visual loss affecting quality of life
- Anti-VEGF injections (IVI) is the cornerstone of treatment
- Delayed follow-ups in our MR clinic and subsequent delays in prompt anti-VEGF injection treatment
- Increased number of written and verbal complaints from patients to the Trust
- The above 2 led to the development of this pilot project

WET AMD PATIENTS IN THE MACULA SLOT-PART 2

❖May need to discuss about the newly diagnosed wet AMD from Eye Casualty who are not known to our Service

❖Ideally, aim to avoid turning Eye Casualty to a wet AMD service- This is the ideal situation

❖Ideally these new patients need to be in a Fast Track Clinic but this is not always possible

❖However, there is awareness of the pressures getting appointments and some flexibility may be allowed even for the newly diagnosed AMD ones

IMPORTANT COMMENT

NOTE: THE 10:15 IS A FLEXIBLE EMERGENCY SLOT AND WE GIVE PRIORITY TO KNOWN WET AMD PATIENTS - IF NO SUCH PATIENT IS BOOKED IT CAN BE UTILISED FOR ANY OTHER EYE CONDITION

(THERE IS NO WRONG BOOKING BLAME!!!!)

MATERIALS AND METHODS

- ❑ Ongoing Pilot project introduced on 01/02/2023 and still running to this day
- ❑ Prospective data collection from 01/02/2023 until 30/04/2024
- ❑ Total of 15 months (1 year and 3 months)
- ❑ Use of a designated notebook in Eye Casualty along with checking the Eye Casualty Folders and printing the Grading/GP letters from Eye Casualty
- ❑ Excel spread sheet to transfer data and analyze them

COMMENTS IN THE MACULA BUT NON-AMD PATIENTS (RVO, DMO, ETC)

➢Do not need injections on the same day-PRIORITIZE THE WET AMD PATIENTS!!!

➢Visual loss can in these conditions occur but not as rapidly as in wet AMD patients, so injections may be necessary but not on the same day as in wet AMD

➢Only 4 patients during this 15 months needed injections

➢2 had injection 1 week after Eye Casualty attendance and the other 2 the same day

➢Eye Casualty Officers to liaise with admin team for the grading these patients in the macula one-stop clinic

WET AMD EED SLOT PROTOCOL

TEL BOOKING:

10:15 SLOT AT EYE CASUALTY FOR URGENT KNOWN WET AMD PATIENT REVIEW/TREATMENT

PT COMES IN ED:

TESTS AND INVESTIGATIONS PERFORMED BY ED TEAM PRIOR TO ED DOCTOR REVIEW

VISION
IOP
DILATE BOTH EYES IN ALL PATIENTS WITH IOP< 28 mmHg (IF HIGHER IOP ASK ED DOCTOR)
OCT MACULA AND COLOUR PHOTOS

INFORM DOCTOR IN ED TO REVIEW THE SCANS/PHOTOS AND THE PATIENT

DECISION NEEDS TO BE MADE IF INJECTION IS NEEDED
(IF THE ED DOCTOR NEEDS MR INPUT, ED NURSE WITH ED PRINTOUT ASKS AN MR SENIOR DOCTOR TO REVIEW THE INFO AND DECIDE)

IF PATIENT NEEDS AN INJECTION

PATIENT IS MOVED TO THE MR SUITE WITH APPROPRIATE PAPERWORK

(MR BOOKING FORM AND CONSENT FORM TO BE FILLED BY THE MR DOCTORS)

AT THE MR SUITE:

THE MR DOCTOR CREATES ON MEDISIGHT A CONSULTATION ENTRY STATING AT THE PLAN SECTION (PATIENT FROM ED AMD SLOT)

SETS THE NUMBER OF INJECTIONS TO BE DONE AND ARRANGES FURTHER MANAGEMENT/F-UP (APPROPRIATE PAPERWORK IS FILLED AND GIVEN TO THE MR ADMISSIONS TEAM)

INJECTION IS PERFORMED AT THE END OF THE INJECTION LIST (PATIENT NEEDS TO BE INFORMED THAT THERE WILL BE A WAIT BEFORE THE INJECTION)

CUMULATIVE SUMMARY OF PROSPECTIVE FINDINGS

	FEB 2023	MAR 2023	APR 2023	MAY 2023	JUN 2023	JUL 2023	AUG 2023	SEPT 2023	OCT 2023	NOV 2023	DEC 2023	JAN 2024	FEB 2024	MAR 2024	APR 2024	TOTAL	TOTAL NEEDING INJECTION SAME OR FELLOW EYE
KNOWN WET AMD	9	8	8	2	6	3	5	4	6	12	6	7	12	8	14	110	45
NEW OR SUSPECTED NEW WET AMD	0	1	1	4	10	1	1	2	4	2	2	2	1	2	1	34	23
TOTAL WET AMD (KNOWN OR NEW) NEEDING INJECTION SAME OR FELLOW EYE	4	4	4	2	9	3	4	4	3	6	3	6	5	7	4	68	68
ANY OTHER MR CONDITION (DRY AMD,RVO, DMO ETC)	4	6	1	1	4	0	2	3	2	3	2	6	2	1	1	38	4 (ONLY 2 HAD INJECTION ON THE SAME DAY WITH ED ATTENDANCE AND THE OTHER 2 A WEEK LATER)
ANY OTHER CONDITION (POAG, CORNEAL ULCERS ETC)	1	4	2	7	1	8	9	2	4	6	6	11	17	9	6	93	0
TOTAL NUMBER OF PATIENTS PER MONTH	14	19	12	14	21	12	17	11	16	23	16	26	32	20	22	275	N/A

KNOWN WET AMD PATIENTS IN THE MACULA SLOT-PART 1

❑Vast majority of wet AMD patients that needed injections were injected on the same day of their Eye Cas. Attendance (55 patients)

❑13 patients were injected later

❑Time frame from ED attendance to IVI: 1 day to 4 weeks (overall appropriate by taking into account the Macula Service pressures)

❑Possible reasons for no injection on the same day: i) Very busy macula service on that day and difficult to accommodate patients
ii) Staff sickness
iii) Patient factors (e.g. not keen to wait)
iv) Strikes
v) Attendance <4 weeks after recent injection, so not allowed to give more before the minimum 4-week interval
vi) Appointments booked already in macula clinic within 2 weeks from the Macula slot attendance

CONCLUSIONS

- New ongoing pilot project and *is a team work*
- Overall seems to be working quite well and has reduced the pressure on our Macula Service
- 68 out of 144 patients with known or newly diagnosed/suspected wet AMD (47.2%) needed injections
- It is an easy and cost-effective suggestion that can theoretically be implemented by other NHS trusts

DECLARATION

ALL AUTHORS DECLARE THAT THEY HAVE NO CONFLICTS OF INTERESTS AND THAT NO FUNDING WAS OBTAINED FOR THIS PROSPECTIVE PILOT PROJECT.