Report: **Data Repository Project**

To: **Central Optical Fund**

From: **Richard Knight**

Date: **9th November 2018**

Overview

This report gives the Central Optical Fund an update on the Data Repository project.

Central Optical Fund

LOCSU would like to thank the Fund for their part-funding of the project which has made the Data Repository possible. In LOCSU's view, the funding of the Data Repository (amongst other important Central Fund-funded projects) demonstrates the continued importance of the Fund to the optical sector.

Background

The Data Repository was conceived of in order to demonstrate the cost effectiveness of community eye health services and provide a compelling evidence base to NHS commissioners for the adoption of these services at scale.

The Data Repository project began with an initial scoping in Summer 2015. Since then LOCSU has worked with healthcare technology and software provider Cegedim RX to develop the Repository.

Status

The Data Repository went live in February 2017. As planned, it became usable for both LOCSU (with a global login across all services and all companies) and individual LOC companies (with a login for their own services).

We now have the following core reports in place:

- MECs Outcome
- MECs Referral
- MECs Satisfaction
- MEC Symptoms
- CAT Pre-Op Outcome
- CAT Pre-Op Satisfaction
- CAT Pre-Op Treatment Centre
- CAT Post-Op Level of Vision
- CAT Post-Op Outcome
- CAT Post-Op Satisfaction
- IOP 1st Outcome
- IOP 2nd Outcome
- IOP Overall Outcome.

The Data Repository is now being used, as envisaged, to make the case for further commissioning of extended primary care services. For the first time, LOCs, LOC companies and LOCSU commissioning leads are regularly providing CCGs, both directly and through tenders, with amalgamated real-time data to demonstrate the efficiencies, desirable outcomes and positive feedback from patients of existing services. With commissioning in yet another transitional state with the ongoing development of sustainable transformation plans and the planned implementation of integrated care providers, the Data Repository is already proving to be a valuable tool in persuading commissioners that extended primary eyecare services are producing results in the community. The Data Repository is also being used in LOCSU operational and policy work for positioning papers and consultation responses, as well as relevant external stakeholder meetings.

Selection of stats from the Data Repository

From the list above, please see two examples of the data that we use from the Data Repository to make the case for further commissioning:

MECs Outcome Report

This report shows the total number of MECs appointments for the full years 2016-2017, 2017-2018, and the year to date for 2018-2019. It shows what happens to these patients and allows us to make the positive case that circa 70% of MECs patients are treated and discharged by community optometrists; that is, not entering secondary care as they may otherwise have been:

		2018-2019 (Apr to Mar)			2017-2018 (Apr to Mar)			2016-2017 (Apr to Mar)		
Outcome Type	Consultation Outcome	No. of Consultations	No. of Consultations %	National Average %	No. of Consultations	No. of Consultations %	National Average %	No. of Consultations	No. of Consultations %	National Average %
Managed	Discharge	47,663	70.96%	70.96%	65,400	68.57%	68.57%	47,293	66.80%	66.80%
	Follow Up	5,659	8.42%	8.42%	9,597	10.06%	10.06%	7,688	10.86%	10.86%
Referred	Routine referral to GP (Not for Onward Referral)	2,948	4.39%	4.39%	5,092	5.34%	5.34%	4,128	5.83%	5.83%
	Routine referral to Ophthalmology	4,026	5.99%	5.99%	5,850	6.13%	6.13%	4,938	6.97%	6.97%
	Urgent referral direct to HES	6,869	10.23%	10.23%	9,433	9.89%	9.89%	6,754	9.54%	9.54%
Unknown	Unknown	5	0.01%	0.01%	2	0.00%	0.00%	-	-	-
	Grand Total	**67,170**	-	-	**95,374**	-	-	**70,801**	-	-

MECs Symptom

This report shows the entries into the MECs pathway broken down by symptom. This sort of information is especially useful for pathway design:

	2018-2019 (Apr to Mar)					2017-2018 (Apr to Mar)					
Presenting Symptom	Routine Consultations	Urgent Consultations	Total No. of Consultations	No. of Consultations %	National Average %	Routine Consultations	Urgent Consultations	Total No. of Consultations	No. of Consultations %	National Average %	Routine Consultations
CL	27	39	66	0.10%	0.10%	24	60	84	0.09%	0.09%	23
Dry Eye	3,453	333	3,828	5.70%	5.70%	4,869	611	5,556	5.83%	5.83%	4,144
FnF	2,709	8,641	11,489	17.10%	17.10%	3,508	11,580	15,307	16.05%	16.05%	2,803
Follow up	13	-	13	0.02%	0.02%	122	31	156	0.16%	0.16%	134
Lid Problem	3,510	987	4,541	6.76%	6.76%	4,536	1,338	5,932	6.22%	6.22%	2,843
Loss of Vision	1,196	2,478	3,705	5.52%	5.52%	1,532	3,479	5,068	5.31%	5.31%	1,390
Other	5,876	2,140	8,260	12.30%	12.30%	9,560	3,014	13,012	13.64%	13.64%	8,917
Painful Eye	2,119	5,314	7,540	11.23%	11.23%	2,875	7,573	10,592	11.11%	11.11%	2,134
Red Eye	4,911	4,076	9,068	13.50%	13.50%	6,620	5,747	12,497	13.10%	13.10%	4,421
Sore Eye	8,377	4,555	13,059	19.44%	19.44%	11,285	6,166	17,641	18.50%	18.50%	7,760
Suspect FB	715	1,232	1,959	2.92%	2.92%	859	1,547	2,429	2.55%	2.55%	485
Unknown	3	-	2,770	4.12%	4.12%	5,351	-	5,998	6.29%	6.29%	4,773
Visual Field Defect	397	445	872	1.30%	1.30%	471	608	1,102	1.16%	1.16%	512
Grand Total	**33,306**	**30,240**	**67,170**	-	-	**51,612**	**41,754**	**95,374**	-	-	**40,339**

Selection of answers from the Data Repository

This is a selection of the questions that the Data Repository has been able to provide the answers to recently to assist with the commissioning process:

- Number of OptoManager services
- Number of MECs patients
- Number of glaucoma monitoring appts
- Referral rates for MECs
- Number of FU appt within MECs
- Post referral pathways for MECs
- IOP deflection outcomes.

Conclusion

The Data Repository is proving to be a valuable tool for LOCSU, LOC Companies and the wider optical sector and this will continue in the future.

Action Required: The Central Optical Fund is asked to note this report