

HSE National Clinical Programmes Day 2022
Recovery, Resilience, Reform
#3RsforBetterHealthNCP2022

Integrated Care Pathway for the Management of
Headache /Migraine

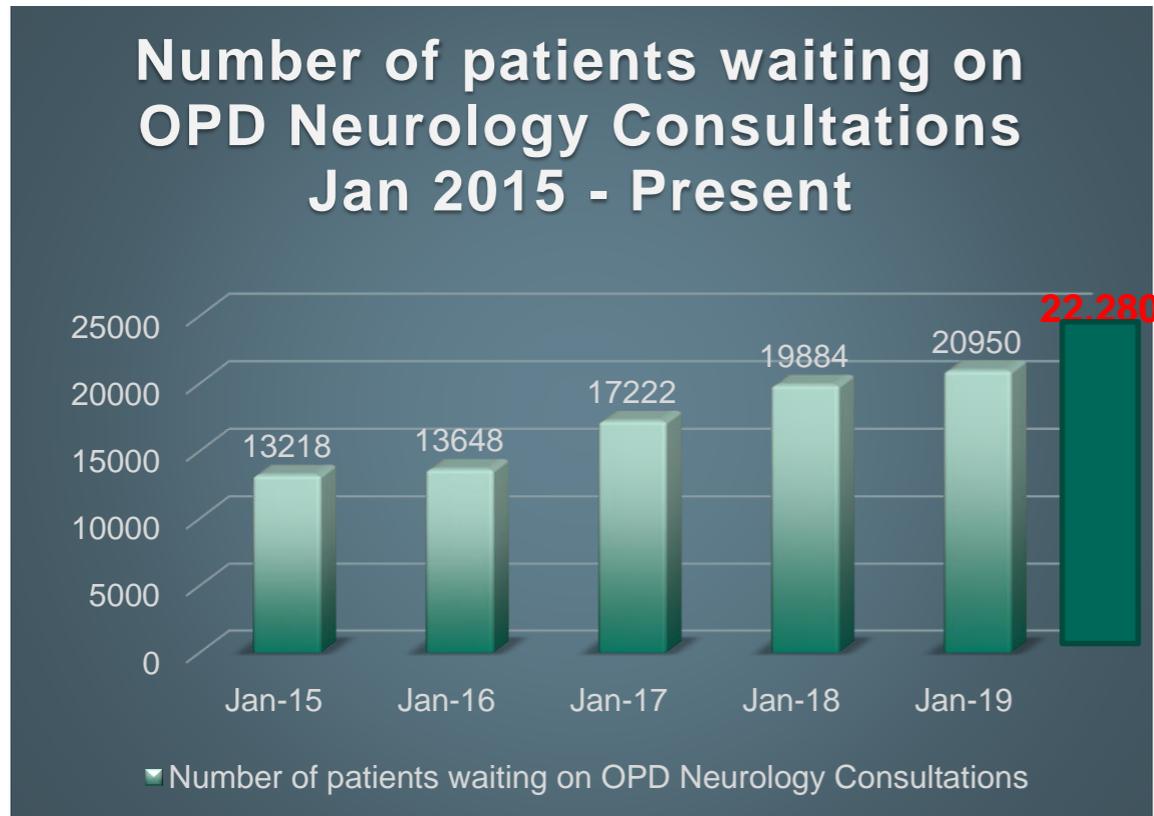
Sláintecare.

Right Care. Right Place. Right Time.



Headache in the Republic of Ireland

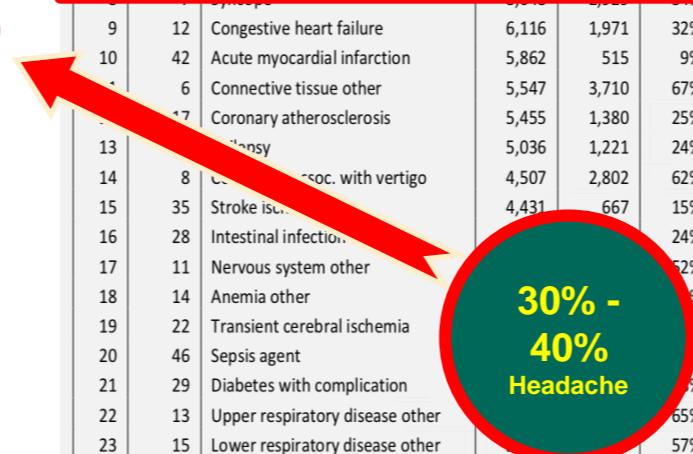
An Upward Trajectory In Neurology



Clinical Conditions presenting to AM & AMAU 2017

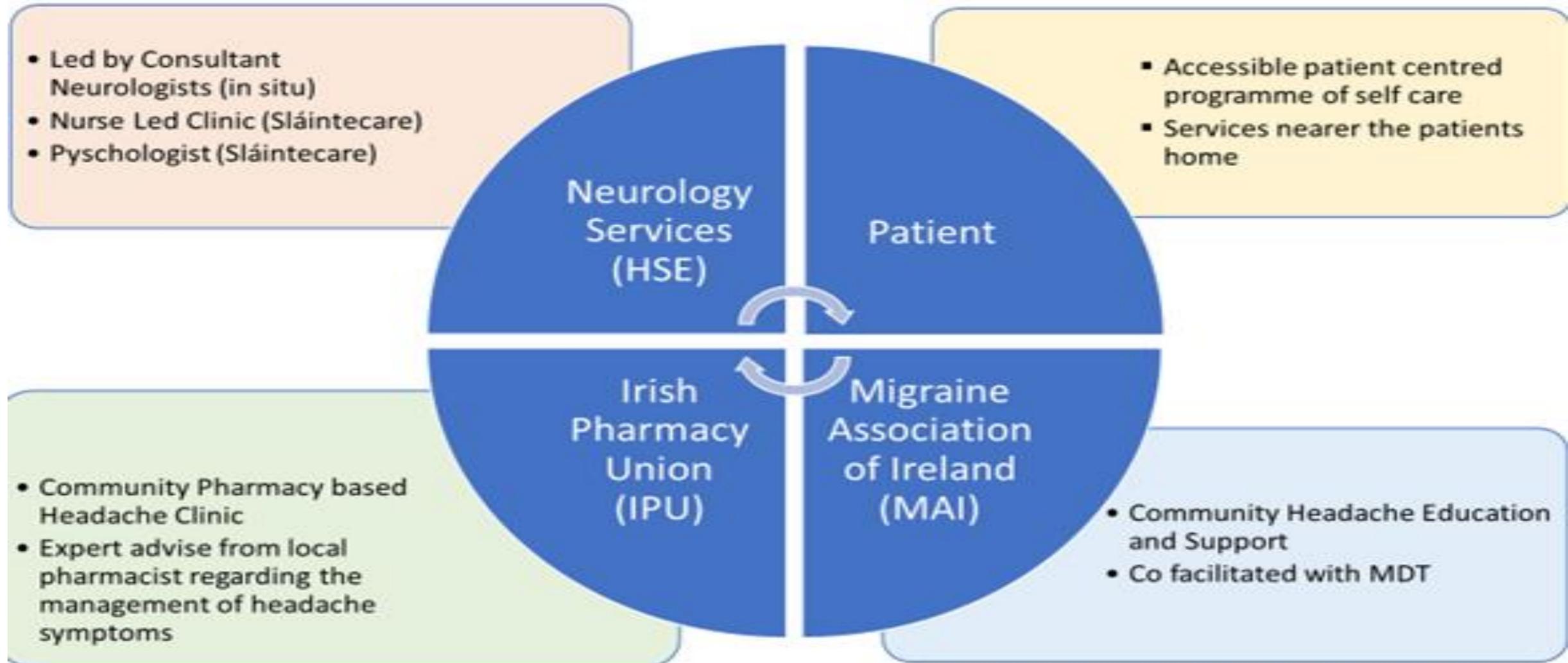
Table 2: Top 25 All Acute Medicine Clinical Conditions (excluding elective admissions) all hospitals 2017.

RK 1 AM	RK 2 AMAU	CCS description	Total AM N	Total AMAU N	Total AMAU %	Non AMAU N	Non AMAU %	% of AMAU activity =SDD	ALOS AMAU	ALOS Non AMAU	Total BDU AMAU	Total BDU Non AMAU	UK AEC potential for AC	Irish pathway in place
1	1	Chest pain nonspecific	16,889	9,334	55%	7,555	45%	82%	0.8	2	8,266	17,035	MOD	YES
2	5	COPD & bronchiectasis	14,824	4,281	29%	10,543	71%	34%	4.3	6.9	21,643	93,747	LOW	YES
3	3	Lower respiratory infection other	12,933	4,538	35%	8,395	65%	52%	3.2	6.7	18,305	71,264	HIGH	NO
4	9	Pneumonia - non TB/STD	11,343	2,521	22%	8,822	78%	16%	6.7	9.1	21,871	102,558	LOW	NO
5	10	Urinary tract infection	10,492	2,305	22%	8,187	78%	24%	6	7.7	18,737	85,305	MOD	UNK
6	4	Food poisoning	10,489	4,514	43%	5,975	57%	68%	1.6	2.7	7,081	26,637	MOD	YES
7	2	Headache	9,070	5,734	63%	3,336	37%	79%	1	2.5	5,767	9,528	MOD	YES
8	7	Syncope	8,742	2,722	31%	6,020	69%	50%	2.0	4.0	9,742	29,222	MOD	YES
9	12	Congestive heart failure	6,116	1,971	32%	4,145	68%	28%	6.4	9.5	14,791	46,592	MOD	YES
10	42	Acute myocardial infarction	5,862	515	9%	5,347	91%	7%	6	5	3,498	33,011	N/A	N/A
11	6	Connective tissue other	5,547	3,710	67%	1,837	33%	84%	1.5	8.1	6,559	19,862	*	
12	17	Coronary atherosclerosis	5,455	1,380	25%	4,075	75%	33%	3.4	3.8	5,033	17,504	MOD	UNK
13	1	Stroke isch.	5,036	1,221	24%	3,815	76%	42%	2.2	4	3,493	21,163	HIGH	UKN
14	8	Stroke isch. assoc. with vertigo	4,507	2,802	62%	1,705	38%	78%	1.1	3.2	3,297	6,432	HIGH	YES
15	35	Stroke isch.	4,431	667	15%	3,764	85%	8%	11	12.9	8,808	65,632	N/A	N/A
16	28	Intestinal infection	4,431	667	15%	3,764	85%	8%	3.3	5	3,821	20,007	HIGH	UKN
17	11	Nervous system other	4,431	667	15%	3,764	85%	8%	2.5	6	5,991	16,759	*	
18	14	Anemia other	4,431	667	15%	3,764	85%	8%	2.7	5.7	5,914	13,028	HIGH	UKN
19	22	Transient cerebral ischemia	4,431	667	15%	3,764	85%	8%	2.4	4.4	2,815	10,249	HIGH	YES
20	46	Sepsis agent	4,431	667	15%	3,764	85%	8%	10.1	10.4	5,933	35,097	*	
21	29	Diabetes with complication	4,431	667	15%	3,764	85%	8%	3.8	6.1	3,466	17,238	HIGH	UKN
22	13	Upper respiratory disease other	4,431	667	15%	3,764	85%	8%	1	3.6	2,030	4,484	HIGH	NO
23	15	Lower respiratory disease other	4,431	667	15%	3,764	85%	8%	1.5	6.2	2,682	8,342	HIGH	NO
24	21	Skin infection	2,598	1,080	42%	1,518	58%	47%	4.2	8.3	5,486	18,747	*	
25	36	Alcohol-related mental disorder	2,373	603	25%	1,770	75%	20%	3	4	2,881	11,681	*	
		Total (across top 25 CCS)	162,458	60,530	37%	101,928	63%	58%	NA	NA	195,711	805,425		
		Total (across all CCS)	257,189	93,386	36%	163,803	64%	58%	NA	NA	325,761	1,468,771		



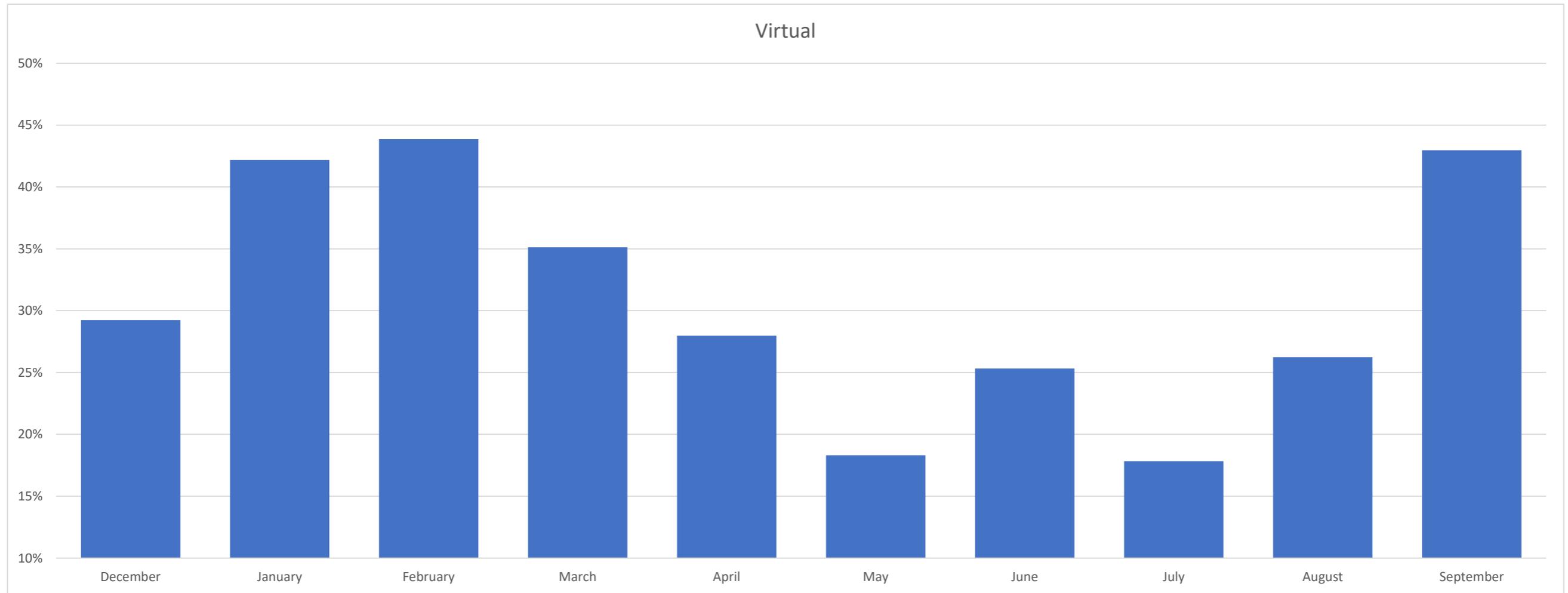
RK 1 AM represents the ranking of each CCS in terms of overall Acute Medical admissions. RK 2 AMAU represents the ranking in terms of AMAU admissions. ALOS is calculated after excluding episodes with length of stay greater than a pre-defined trim value (based on diagnosis and procedure). ALOS AMAU includes any episode of care in the

Towards Self Care in Headache

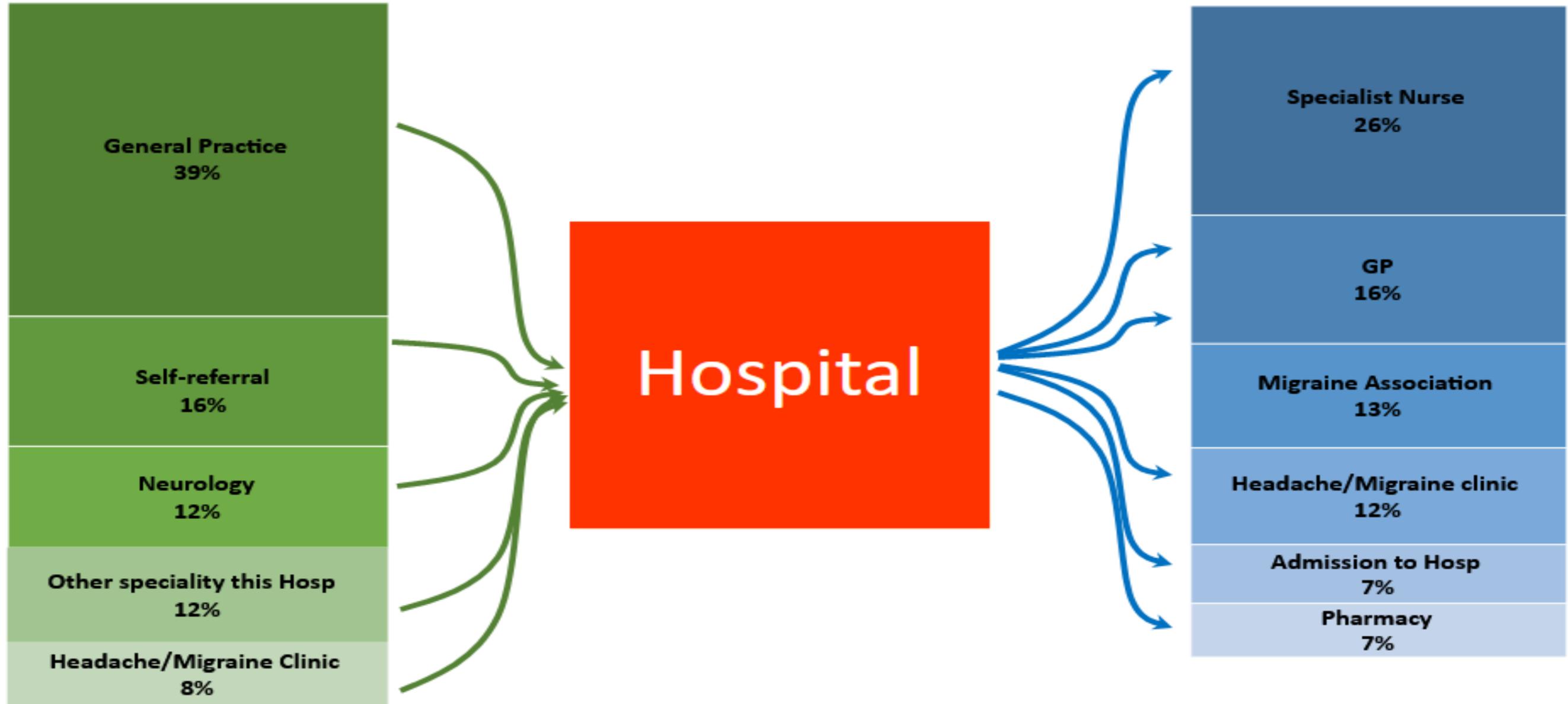


Pathway Audit completed with 2517 patients details

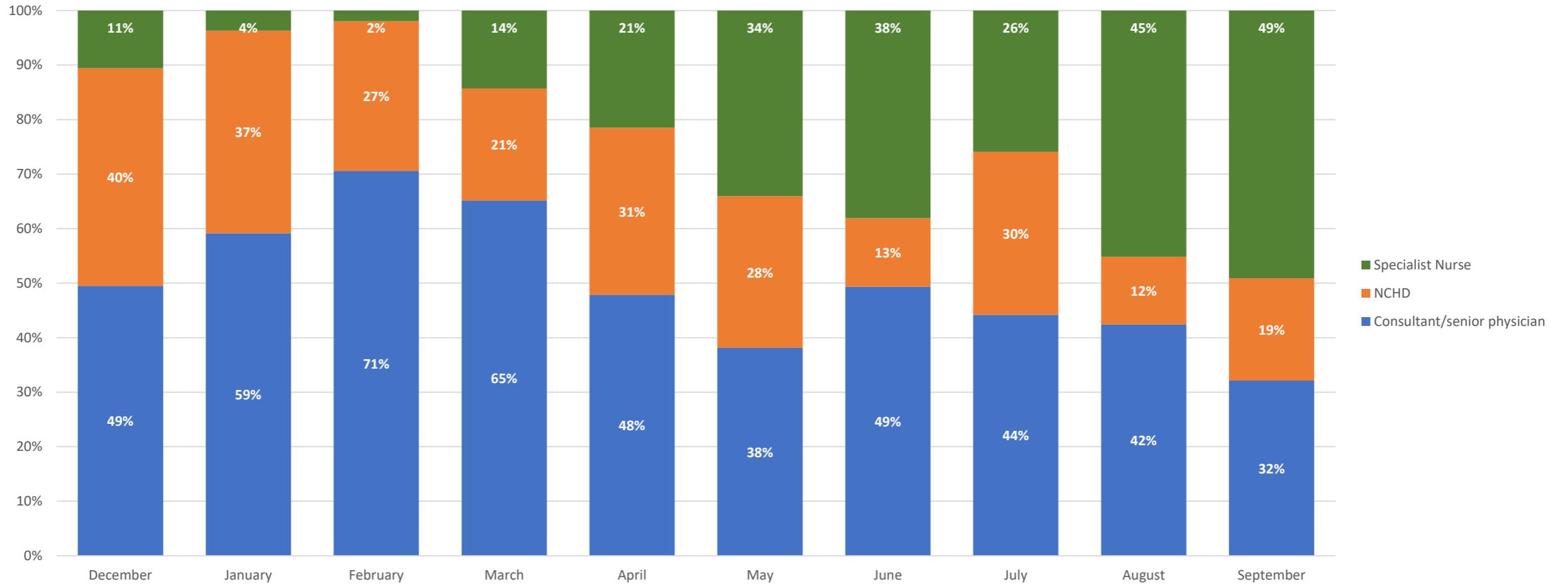
Virtual Consultations over time

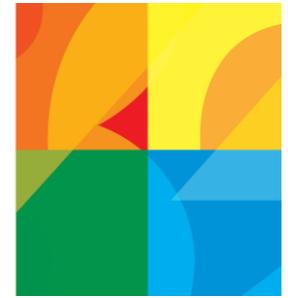


Patient Pathway – Top 5/6



Who selected the pathway/treatment plan?



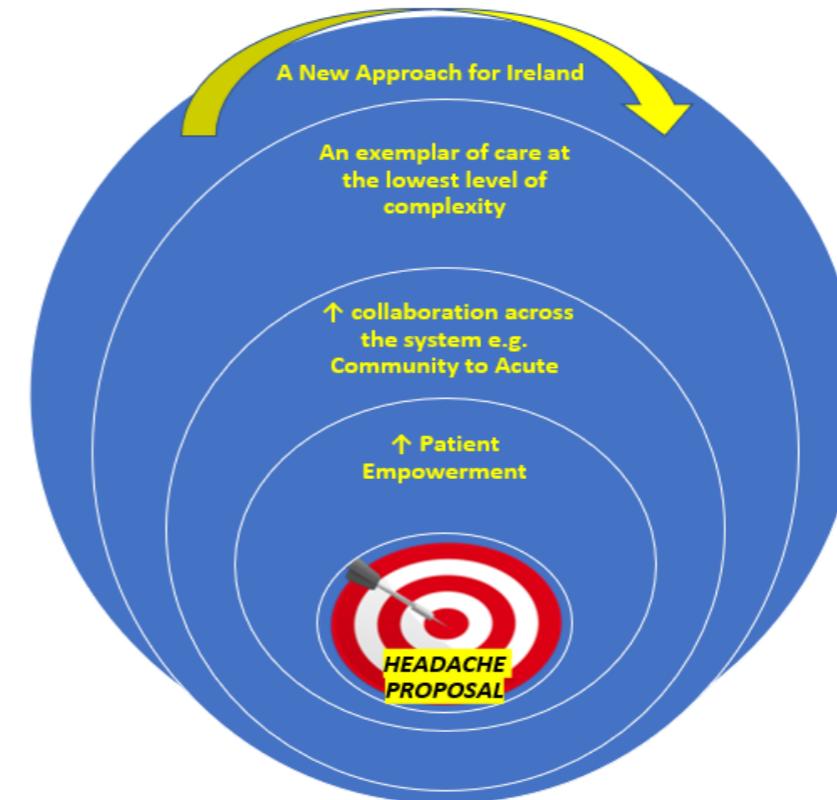


Sláintecare Funded Projects in 2019.

Submitted via Estimates NSD 2021
process for scale up and roll out
nationally

**A conservative estimate of cost
savings of approximately €7,050,400
per annum**

**The ripple effect of targeted change..
Targeting Headache will impact other areas within our health service**



SUMMARY: LEARNINGS & OPPORTUNITIES

- CNS – nurse led clinics improve efficiency
- Psychology programme beneficial
- Rapid access slots available and benefit of digital engagement
- Benefits of strong links with MAI
- “Roadmap to mainstream to 10 Neurology Hubs
- Requirement for nurse training & dedicated clinic space

Patient Feedback

Service is excellent

CNS has been so kind and helpful. She has made me more aware of my headache and helped me and advised me so much. I am so grateful to ye all. Thanks so much for a great service. Keep up the great work”.

Everything is 10/10 you don't need to change anything

I would be lost without this clinic it has helped me so much”.

More than happy with the service I received