

Vale of Leven Postcode Analysis Paper

1. Introduction

This paper has been prepared to provide the Vale of Leven Monitoring Group with information on the Acute Services activity and the percentage of activity undertaken within the Vale of Leven area. At this time, the data (April to August 2010) is provisional as there will still be missing coded information. This will be updated once the final version for April to August 2010 is complete. However it serves to provide the Monitoring Group with an updated indication of patient activity flows.

It is split into 2 parts:

- 1) A high level summary of all of the activity relating to the catchment areas both in terms of numbers and percentages
- 2) A detailed analysis for each specialty of the key patient flows

2. Activity Analysis and Post Code Analysis

Post Code Activity Flows Analysis

Using the activity associated with the catchment population previously shared with the Monitoring Group, an analysis of the activity has been undertaken using the SMR information returns from the Information Services Division of the Scottish Government (ISD). This section provides an overview of the activity relating to the Acute Services Division for residents of the catchment area and for any non-residents of the catchment area treated at the Vale of Leven Hospital and neighbouring health clinics for the period April to August 2010. This is summarised in the tables below:

Overall Position

This table provides the overall activity and percentage of activity undertaken at the Vale of Leven Hospital or surrounding clinics.

	April - August 2010	Proportion at the Vale of Leven DGH and Surrounding Clinics (April – August 2010)
Total Outpatients	20,134	14,380 (71.4%)
New Outpatients	9010	6682 (74.1%)
Return Outpatients	11,124	7698 (69.2%)
Day Cases	4244	3067 (72.3%)
Elective	1310	323 (24.6%)

Information from ISD SMR Data (April to August 2010 provisional)

Breakdown of Activity Flows

The table below indicates where the activity was undertaken summarised by Clyde Hospitals, which is primarily the Royal Alexandra Hospital, Glasgow Hospitals and other Hospitals, which is mainly the Golden Jubilee National Hospital.

	April – August 2010			
	Vale of Leven Clinics	Clyde (RAH/IRH)	Glasgow	Other (GJNH)
Total Outpatients	14,380 (71.4%)	873 (4.3%)	4873 (24.2%)	8 (0.1%)
New Outpatients	6682 (74.1%)	467(5.2%)	1856 (20.6%)	5 (0.1%)
Return Outpatients	7698 (69.2%)	406 (3.6%)	3017(27.1%)	3 (0.1%)
Day Cases	3067(72.3%)	448(10.6%)	729(17.1%)	0
Inpatients				
Elective	323(24.6%)	445 (34%)	542 (41.3%)	0

Information from ISD SMR Data (April to August 2010 provisional)

3. Breakdown of Activity by Key Specialties

General Surgery

- 85.2% of day surgery is undertaken at the Vale of Leven Hospital (83% in 2009/10)
- 82.6% new outpatient activity is provided at the Vale of Leven Hospital (77.3% in 2009/10)
- Increasing local activity with repatriation of patient activity through post code work at appointing

The table below sets out the percentage flows of activity:

	April - August 2010
Elective Inpatients	237 84(35.4%) to Vale 3(1.3%) to Glasgow Hospitals 150 (63.3%) to Clyde Hospitals
Day case	919 783 (85.2%) to Vale 86 (9.4%) to Glasgow Hospitals 50 (5.4%) to Clyde Hospitals
New Outpatient	1095 905 (82.6%) to Vale 157 (14.3%) to Glasgow Hospitals 33 (3%) to Clyde Hospitals

Orthopaedics

- 38.8% of elective inpatient Orthopaedic surgery is undertaken at the Vale of Leven Hospital
- 86.4% of day surgery is undertaken at the Vale of Leven Hospital (82% in 2009/10)
- 80.7% new outpatient activity is provided at the Vale of Leven Hospital, Dumbarton clinic or Victoria clinic. Increasing local activity with repatriation of patient activity through post code work at appointing (79.8% in 2009/10)

The table below sets out the percentage flows of activity:

	April - August 2010
Elective Inpatients	291 113(38.8%) to Vale 110(37.8%) to Clyde Hospitals 68(23.4%) to Glasgow Hospitals
Day case	404 349 (86.4%) to Vale 32 (7.9%) to Glasgow Hospitals 23(5.7%) to Clyde Hospitals
New Outpatient	1727 1396 (80.7% to Vale, Dumbarton and Victoria Clinic) 213(12.3%) to Glasgow Hospitals

	118 (6.8%) to Clyde Hospitals
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Urology

- Elective inpatient and day case activity is provided primarily at the RAH currently. Increase in day case rate at the Vale of Leven from 8% to 17.2%
- 63.2% of new outpatient activity has been provided at the Vale of Leven (29.9% in 2009/10)
- Day case and outpatient activity is increasing in line with the repatriated clinics and day case lists from May 2010

The table below sets out the percentage flows of activity:

	April - August 2010
Elective Inpatients	120 3 (2.5%) to Vale 67(55.8%) to RAH 50 (41.7%) to Glasgow Hospitals
Day case	290 50 (17.2%) to Vale 81 (27.9%) to Glasgow Hospitals 159 (54.8%) to Clyde Hospitals
New Outpatients	394 249(63.2%) to Vale 90 (22.8%) to Clyde Hospitals 55 (14%)to Glasgow Hospitals

Ophthalmology

- 71.4 % outpatients are undertaken at Dumbarton clinic / VOL (72.5% in 2009/10)
- The outpatient clinics at the Vale of Leven Hospital commenced in September and day case sessions in October 2010.

The table below sets out the percentage flows of activity:

	April - August 2010
Elective Inpatients	28 3(14.3%) to Clyde Hospitals 24 (85.7%) to Glasgow Hospitals
Day case	210 175 (83.3%) to Clyde Hospitals 35 (16.6%) to Glasgow Hospitals
New Outpatients	864 617 (71.4%) to Dumbarton/ Vale 168 (19.4%) to Glasgow Hospitals 79 (9.1%) to Clyde Hospitals

ENT

- ENT inpatient elective activity is predominantly provided at GGH and RHSC
- 43.1% Day case activity is provided at the Vale of Leven Hospital (50.5% in 2009/10)
- 85.1 % new outpatient activity is provided at the Vale of Leven Hospital (84.7% in 2009/10)
- Increasing local activity with repatriation of patient activity through post code work at appointing

The table below sets out the percentage flows of activity:

	April - August 2010
Elective Inpatients	81 24 (29.6%) to Vale 54 (66.7% to Glasgow Hospitals 3 (3.7%) to Clyde Hospitals
Day case	65 28(43.1%) to Vale 37(56.8%) to Glasgow Hospitals
New Outpatients	745 634(85.1%) to Vale 103 (13.8%) to Glasgow Hospitals 8(1%) to Clyde Hospitals

Gynaecology

- 33.8% of the elective inpatient activity (short stay) is undertaken at the Vale of Leven Hospital (33% in 2009/10)
- 78.1% of day case activity is provided at the Vale of Leven Hospital (82.8%in 2009/10)
- 83.3% of the new outpatient activity is provided locally at the Vale of Leven Hospital and Victoria Clinic (85.7% in 2009/10)

The table below sets out the percentage flows of activity:

	April - August 2010
Elective Inpatients	154 52 (33.8%) to Vale 9(5.8%) to Glasgow Hospitals 93 (60.4%) to Clyde Hospitals
Day case	215 168 (78.1%) to Vale 37(17.2%) to Glasgow Hospitals 10 (4.7%) to Clyde Hospitals
New Outpatients	821 684(83.3%) to Vale and Victoria Clinic 73(8.9%) to Glasgow Hospitals 64(7.8%) to Clyde Hospitals

Geriatric Medicine

- 91.8% of new outpatient activity is undertaken at the Vale of Leven Hospital (92% in 2009/10)

The table below indicates the percentage flows of activity:

	April - August 2010
New Outpatient	110 101 (91.8 %) to Vale 8 (7.2%)to Glasgow Hospitals 1 (1%) to Clyde Hospitals

Dermatology

- 82.1% of the new outpatient activity is provided locally at the Vale of Leven Hospital (84.6% in 2009/10)
- Dermatology inpatient activity as for all of GGC is undertaken at the Southern General Hospital

The table below sets out the percentage flows of activity:

	April - August 2010
New Outpatients	898 737(82.1%) to Vale 154 (17.1%) at Glasgow Hospitals 7(0.8%) to Clyde Hospitals

Paediatrics

- 84.8% of the new outpatient activity is provided locally at the Vale of Leven Hospital (85% in 2009/10)
- Paediatric inpatient activity is provided either at RAH or RHSC

The table below sets out the percentage flows of activity:

	April - August 2010
New Outpatients	145 123(84.8%) to Vale 10 (6.9%) to RAH 12 (8.3%) to RHSC

Haematology

- 97% of day case activity is provided locally at the Vale of Leven Hospital
- 85% of the new outpatient activity is provided locally at the Vale of Leven Hospital (90.3% in 2009/10)

The table below sets out the percentage flows of activity:

	April - August 2010
Day case	1351 1311 (97%) to Vale 36 (2.7%) to Glasgow Hospitals

	4 (0.3%) to Clyde Hospitals
New Outpatients	107 91(85%) to Vale 16(15%) to Glasgow Hospitals

Renal

- 75.5% of the new outpatient activity is provided locally at the Vale of Leven Hospital (74.7% in 2009/10)
- Renal inpatient activity is undertaken as for all of GGC with Glasgow Hospitals

The table below sets out the percentage flows of activity:

	April - August 2010
New Outpatients	49 37(75.5%) to Vale 11(22.4%) to Glasgow Hospitals

General Medicine

- 85.9% of day case activity is undertaken at the Vale of Leven Hospital (94% in 2009/10)
- 72.5% of new outpatient activity is undertaken at the Vale of Leven Hospital / Dumbarton Clinic (78.3% in 2009/10). This position will be altered by the increased separation out of the sub-specialty clinics.

The table below sets out the percentage flows of activity:

	April - August 2010
Day case	383 General Medicine 329 (85.9%) to Vale 25 (6.5%) to Glasgow Hospitals 29 (7.6%) to Clyde Hospitals
New Outpatients	240 174 (72.5%) to Vale or Dumbarton 65 (27%) at Glasgow Hospitals 1 Clyde
Medical Specialties Respiratory/ Diabetes/ Cardiology Outpatients	1082 801(74%) to Vale or Dumbarton 256(23.6%) to Glasgow Hospitals 20 (1.8%) to Clyde Hospital 5(0.5%) to GJNH

4. Recommendation

The Vale of Leven Hospital Monitoring Group is asked to note this report for information.

Jane Grant
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