

Studying your under 6's

As with all audits the quality of your results is going to depend on the quality of the information that you enter into your system. In particular how you record and keep up to date your GMS patients, and how you separate your practice patients from temporary patients. If you don't have a system for doing this your results are going to be less accurate. For billing purposes you need to be using the new billing system.

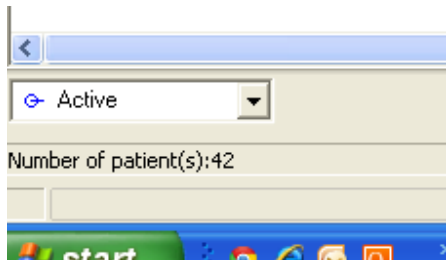
I am going to try and answer 3 questions namely

- 1: How many under 6's do I have, how many already have GMS cards and how many don't.
- 2: What was my income from private under 6's in 2013
- 3: What was my consultation rate for GMS and for private under 6's in 2013.

1: How many under 6's do I have, how many already have GMS cards and how many don't.

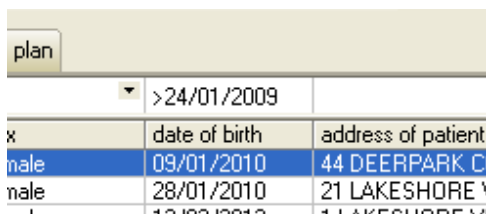
The easiest way to do this is to use the patient selector.

Particular counts are shown at the bottom left



The screenshot shows a software interface for patient selection. At the top, there is a search bar with a back arrow. Below it is a dropdown menu currently set to 'Active'. Underneath the dropdown, the text 'Number of patient(s):42' is displayed. The bottom of the image shows a Windows taskbar with the 'start' button and several application icons.

You can use the date of birth field like this to count your under 6's



plan		
	>24/01/2009	
x	date of birth	address of patient
male	09/01/2010	44 DEERPARK C
male	28/01/2010	21 LAKESHORE \
	13/03/2010	41 LAKESHORE \

Assuming you have correctly recorded your GMS versus private status in the patient category you can then count the PPs or the GMS by entering the appropriate search in the patient category field.

	gms	
ice 4	patient category	review date
	GMS	31/12/2013
	GMS	31/12/2013

If you have recorded your temp patients correctly you can do a count of these and subtract them.

Not working for you like the examples above? Click on the configure button to display a dialogue to the right.

If your patient count is not showing you might need to turn it on.

If you don't have a patient category field showing turn it on by clicking in the items tag (see below) and tick beside the field you want.

The screenshot shows a software interface with a table of patient data and a configuration dialog. The table has columns for 'date' and 'PPS number'. The configuration dialog has tabs for 'Items', 'Search options', and 'Options'. The 'Items' tab is selected, and the 'Display count of patient' checkbox is checked in the 'Other options' section.

date	PPS number
2013	1383116S
2013	1591594S
2014	1917374D
2014	1932906i
2014	1214869A
2014	1783243H
2014	0974774U
2014	0974774U
2014	0536997V
2014	
2014	0795503B
2014	1849180C
2014	6495875K
2014	5527363K
2014	0695464B
2014	
2014	
2014	0987439E

Columns heading option

- ☒ Sort on one column only
- ☐ Sort on several columns
- ☐ Active search on select
- ☒ Auto-activate filter

Other options

- ☒ Display count of patient
- ☒ Display the button bar
- ☒ Reset filter when active
- ☐ Close the selector auto
- ☐ Active and Inactive by

Show confirm dialogs :

- ☒ Delete
- ☒ Export
- ☒ F
- ☒ S

You should now know how many under6 private and GMS patients you have.

2: What was my income from private under 6's in 2013

Use the billing queries function, click on today's statistics, put in the dates for 2013. When the result appears drag the patient age box over to just below the invoice – see diagram.

Billing queries

Billing queries : Today's statistics

Period: 24/01/2014 to 24/01/2014

Debtor: [Dropdown] Date: [Dropdown] Year: [Dropdown] Invoiced (%): [Dropdown] Paid (%): [Dropdown] Patient age: [Dropdown]

Daily analysis

- Today's bill
- Today's statistics
- Payment Type (Cash...)
- Billing query (Consult...)
- Open bills

General analysis

- All open bills
- Balance: > 0

Grand Total	
Invoiced	Paid
Dr. Michael Joyce	200.00
Nurse	30.00
Grand Total	230.00

Use this search

Put in the dates for 2013

Click and drag this over to where indicated

You now have a breakdown of income per age groups

	Invoiced	Paid
+ 0-5	140.00	140.00
+ 11-15	150.00	150.00
+ 16-20	240.00	240.00
+ 21-25	30.00	30.00
+ 26-30	250.00	250.00
+ 31-35	140.00	140.00
+ 36-40	360.00	360.00
+ 41-45	265.00	265.00
+ 46-50	350.00	320.00
+ 51-55	240.00	230.00

To work out your private income per child

Total income divided by number of privates = private income per child.

3: What was my consultation rate for GMS and for private under 6's in 2013.

This is the difficult bit. It is very hard to work out consultation rates, starting with the definition, do you count vaccines etc. I would be very interested in hearing of any alternative ways of working it out. I am going to try and work out consultation rate as any face to face encounter with the doctor excluding any visits covered by other schemes like the vaccine scheme. To do this we need to export data to Excel and manipulate the data in excel to get the figures. There may be better ways to do it but this is how I have done it.

First get the data using the population analysis. I have chosen to use patients with actual encounter by age and sex because I can search just the under 6's. In excel I will sort them and just look at a given time period e.g. 2013.

Use this search

Put in age range here

Click this button to export to excel

Date/Time Occurrence	Surname	Forename	Responsible	Transaction Name	Category	GMS Number
02/02/2013 18:09:2	ACHESON	KAITLYN	DR AISLING HAYES	Consultation	PP	
03/03/2013 10:02:1	ACHESON	KAITLYN	DR. MICHAEL JOYCE	Consultation	PP	
07/07/2013 16:51:2	ACHESON	KAITLYN	DR. MICHAEL JOYCE	Consultation	PP	
04/04/2013 10:07:4	AIDANEI	RENATA ELISABE	DR AISLING HAYES	Consultation	GMS	A1037350
05/05/2013 10:01:0	AIDANEI	RENATA ELISABE	DR. MICHAEL JOYCE	Consultation	GMS	A1037350
03/12/2013 10:40:4	AIDANEI	RENATA ELISABE	DR. MICHAEL JOYCE	Consultation	GMS	A1037350
08/04/2013 10:32:5	AIDANEI	RENATA ELISABE	NURSE	Vaccination	GMS	A1037350
04/03/2013 10:24:1	AIDANEI	RENATA ELISABE	NURSE	Vaccination	GMS	A1037350
21/11/2012 10:13:1	AIDANEI	RENATA ELISABE	DR. MICHAEL JOYCE	Consultation	GMS	A1037350
04/05/2012 16:05:1	AIDANEI	RENATA ELISABE	DR. MICHAEL JOYCE	Consultation	GMS	A1037350
24/05/2012 09:58:4	AIDANEI	RENATA ELISABE	DR. MICHAEL JOYCE	Consultation	GMS	A1037350
01/06/2012 16:00:4	AIDANEI	RENATA ELISABE	LOCUM	Consultation	GMS	A1037350
17/06/2012 11:29:5	AIDANEI	RENATA ELISABE	DR. MICHAEL JOYCE	Consultation	GMS	A1037350

From now on we are working in excel.

Sort the date column by clicking on the top of the date time occurrence. If asked always expand the selection.

Delete all lines that are not relating to 2013. To do this highlight them and right click and click delete this deletes the lines (doing it other ways might just empty the cells)

Next sort the transaction type columns to delete vaccinations etc.

Next sort the patient category column, there may be temps here to delete.

You should now be able to count the number of GMS consultations and the private consultations.

You should now be able to work out the consultation rates

eg for GMS

= Total number of GMS consultations divided by number of GMS patients

You should now have the answers to the three questions I posed.

Michael Joyce

23/1/2014