PEN Clinical Audit Tool

CASE STUDY - breakdown of 5 practices using Clinical Audit

Total population = **all patients**
Active population = **seen 3 times in last 2 years**

1. Allergy Recorded	Practice A	Practice B	Practice C	Practice D	Practice E
Total population	**9446**	**16230**	**3500**	**12008**	**18833**
Allergy recorded	14%	5.2%	22.9%	5.1%	14.6%
No Known Allergy recorded	58.1%	12.2%	8.1%	19.5%	57.7%
Nothing recorded	27.2%	82.6%	69.0%	75.4%	27.7%
Active population	**3893**	**4541**	**600**	**2501**	**9061**
Allergy recorded	25.9%	17.6%	25.2%	17.4%	21.1%
No Known Allergy recorded	74.3%	33.2%	12.8%	62.5%	75.1%
Nothing recorded	3.8%	49.1%	62.0%	20.2%	3.8%
2. Gender not recorded					
Total population	583	374	0	343	995
Active population	66	3	0	4	37
3. Smoking – nothing recorded					
Total population	38.7%	96.3%	82.9%	83.7%	51.9%
Active population (Active (3x > 2 years)	17.1%	88.4%	33.3%	44.1%	27.2%
Active population over 16 (Active (3x > 2 years)	4.6%	87.6%	16.0%	31.2%	12.0%
4. Recording of ATSI patients					
Total population	0.02%	0.01%	0%	3 (0.25%)	2 (0.11%)
Active population (Active (3x > 2 years)	0.02%	0.01%	0%	2 (0.08%)	2 (0.22%)
5. Diabetes Prevalence					
Total population	1.8%	0.9%	0.5%	2.2%	2.7%
Active population (Active (3x > 2 years)	3.8%	3.9%	3.6%	7.3%	5.2%
% Diabetes in postcode area	5.6%	5.6%	5.6%	5.6%	5.6%

Please Note: An Excel file (and printed list) can be provided for any of the above % or numeric figures

The figures in red represent the total practice population and the active patient population.

Questions:

Allergies

1. Does Practice A have a good set of figures? Based on what criteria?
2. How would you get Practice B and C to improve the recording of "allergy status"?

Gender

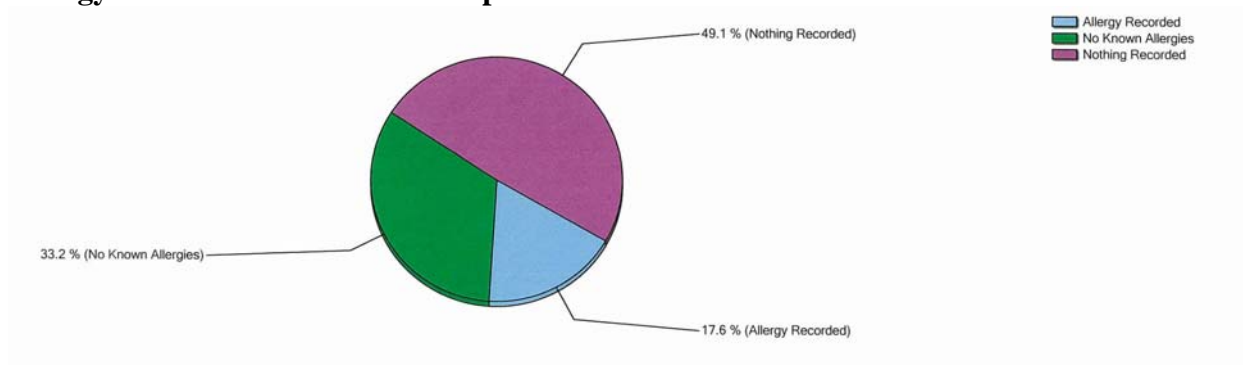1. What do we do to ensure all patients have their gender recorded?

Smoking

1. Practice B has no recording of smoking status of 87.6% of active patients over 16. Why do you think this is so? How would you redress this situation?
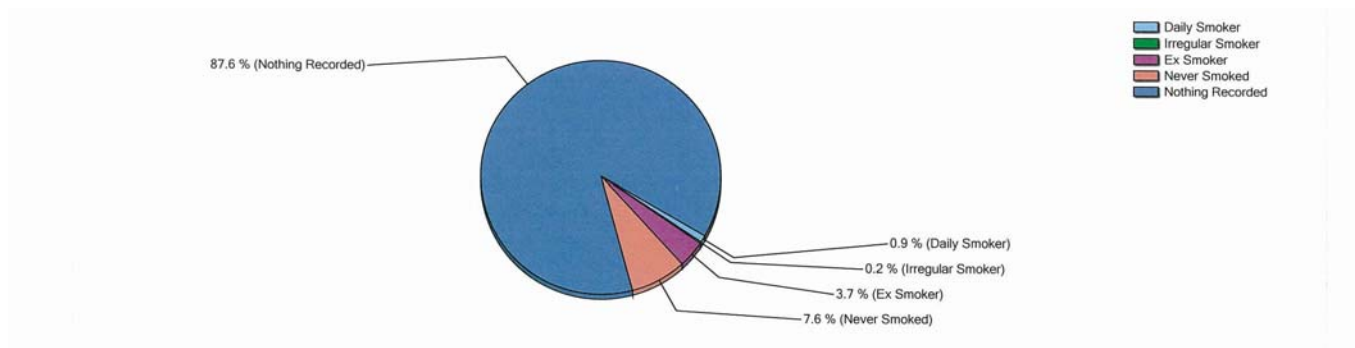
ATSI patients and Diabetes Prevalence

1. All practices (except Practice D) have under recorded the number of ATSI patients and diabetes prevalence. How would you redress this situation?
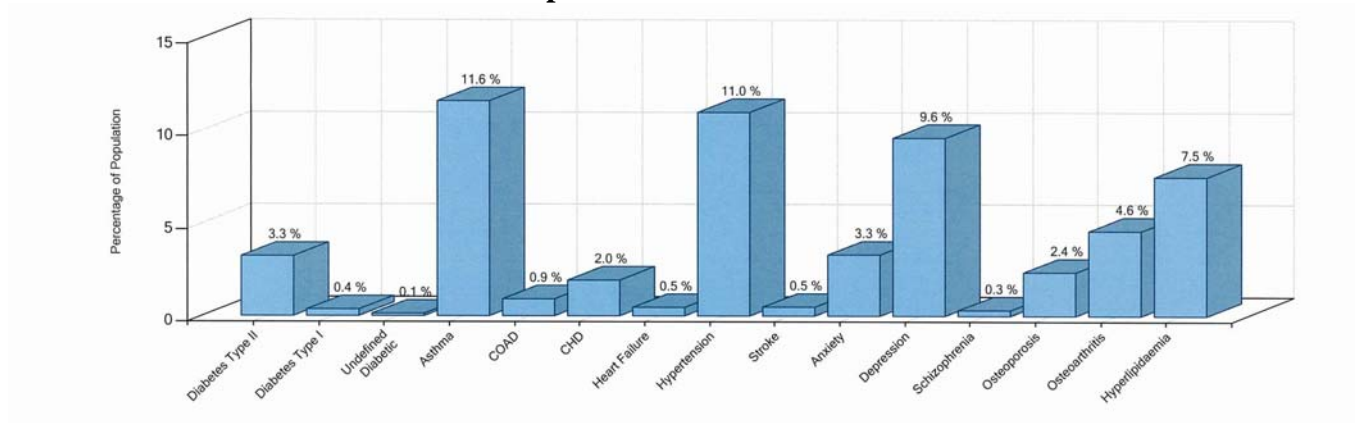
Allergy Status of Active Patient Population – Practice B

49.1 % (Nothing Recorded)

- Allergy Recorded
- No Known Allergies
- Nothing Recorded

33.2 % (No Known Allergies)

17.6 % (Allergy Recorded)

Smoking Status of Active Patient Population over 16 years old – Practice B

87.6 % (Nothing Recorded)

- Daily Smoker
- Irregular Smoker
- Ex Smoker
- Never Smoked
- Nothing Recorded

0.9 % (Daily Smoker)
0.2 % (Irregular Smoker)
3.7 % (Ex Smoker)
7.6 % (Never Smoked)

Disease Prevalence of Active Patient Population – Practice A

Percentage of Population

Disease	%
Diabetes Type II	3.3 %
Diabetes Type I	0.4 %
Undefined Diabetic	0.1 %
Asthma	11.6 %
COAD	0.9 %
CHD	2.0 %
Heart Failure	0.5 %
Hypertension	11.0 %
Stroke	0.5 %
Anxiety	3.3 %
Depression	9.6 %
Schizophrenia	0.3 %
Osteoporosis	2.4 %
Osteoarthritis	4.6 %
Hyperlipidaemia	7.5 %

Disease Prevalence of Active Patient Population – Practice B

Percentage of Population

Disease	%
Diabetes Type II	1.5 %
Diabetes Type I	0.4 %
Undefined Diabetic	2.0 %
Asthma	7.8 %
COAD	1.0 %
CHD	2.9 %
Heart Failure	1.0 %
Hypertension	14.3 %
Stroke	0.5 %
Anxiety	3.9 %
Depression	8.8 %
Schizophrenia	0.5 %
Osteoporosis	2.7 %
Osteoarthritis	5.3 %
Hyperlipidaemia	10.0 %