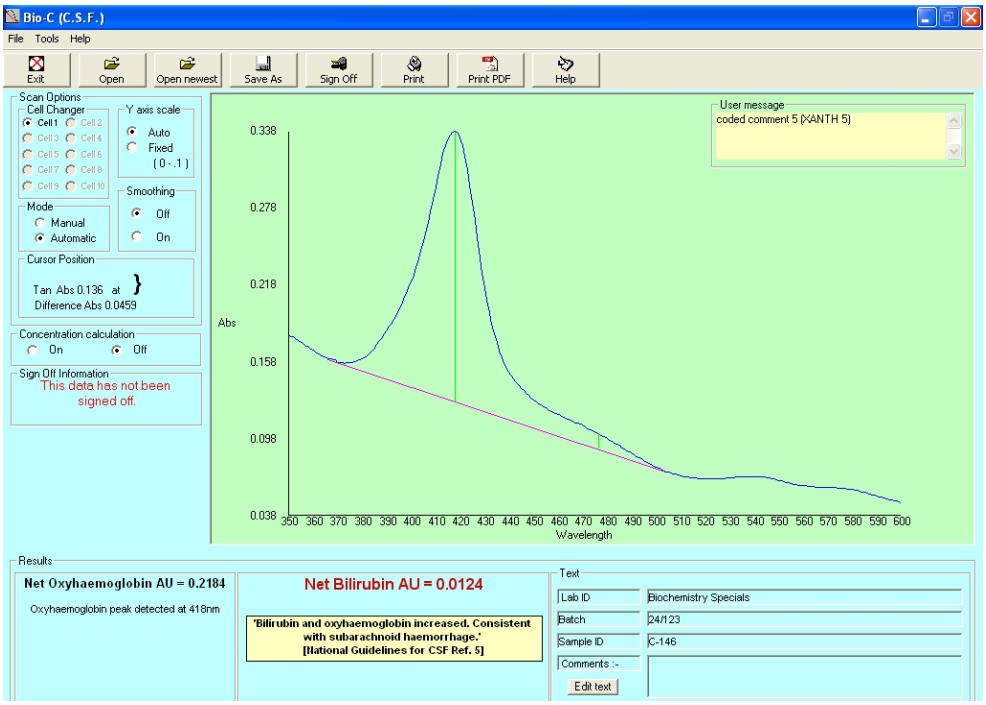
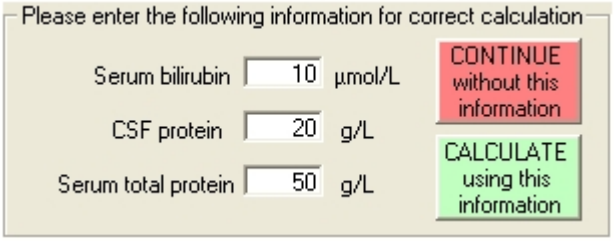
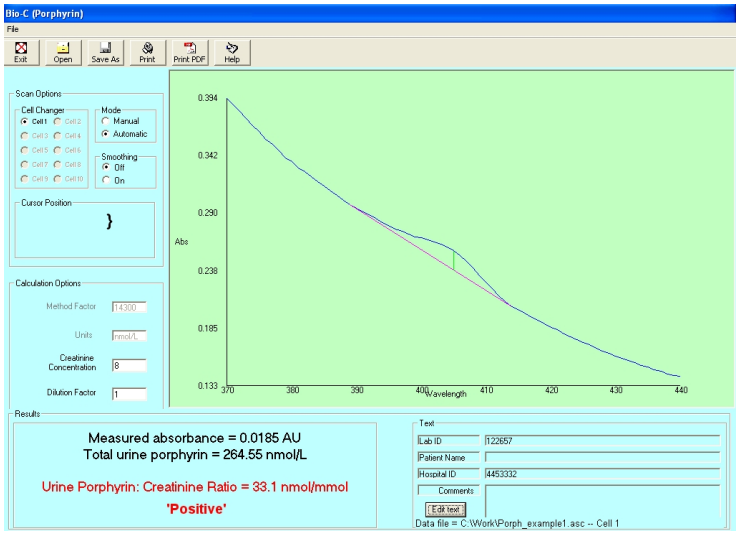
Bio-C System for Bilirubin in CSF, Total Urine Porphyrin & PBG



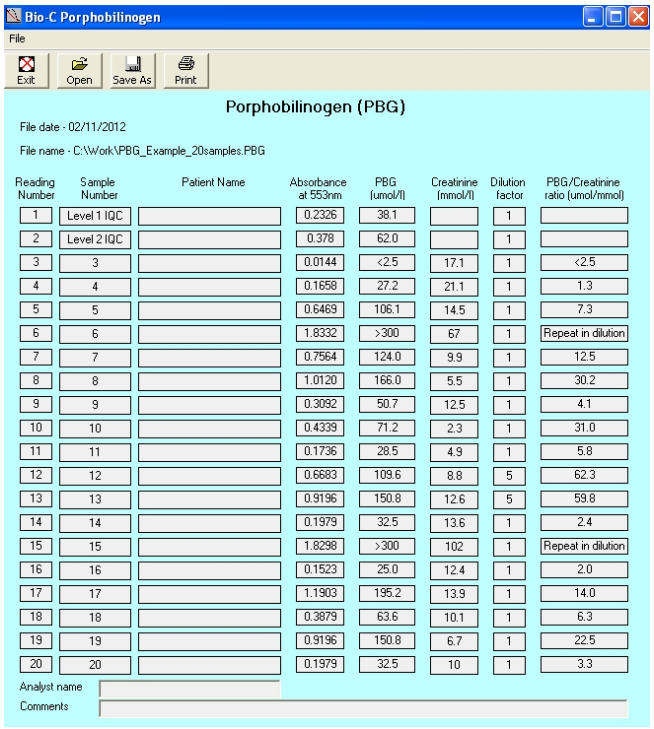
Complies with the revised national guidelines for the analysis of CSF for bilirubin in suspected subarachnoid haemorrhage.

- Automatic baseline calculation and appropriate national guideline message.
- Takes account of time of tap if known and reports accordingly
- Calculation of oxyhaemoglobin peak with position
- Nett Bilirubin absorbance with concentration calculation
- Manual or automatic setting of upper and lower wavelength
- Create report in pdf format for e-mailing
- Automatic absorbance scaling or manual setting to 0.1
- User specific coded comment displayed with National Guideline
- Barcode and patient specific information data entry
- Lock data with user name and passwords
- Correction for serum bilirubin, CSF protein and serum total protein





- Total Urine Porphyrin / Creatinine Ratio calculation if required
- User selectable method factor
- Method validation
- Create report in pdf format
- Easy data entry for Lab ID etc.



Reading Number	Sample Number	Patient Name	Absorbance at 553nm	PBG [umol/l]	Creatinine [mmol/l]	Dilution factor	PBG/Creatinine ratio [umol/mmol]
1	Level 1 IQC		0.2326	38.1		1	
2	Level 2 IQC		0.378	62.0		1	
3	3		0.0144	<2.5	17.1	1	<2.5
4	4		0.1658	27.2	21.1	1	1.3
5	5		0.6469	106.1	14.5	1	7.3
6	6		1.8332	>300	67	1	Repeat in dilution
7	7		0.7564	124.0	9.9	1	12.5
8	8		1.0120	166.0	5.5	1	30.2
9	9		0.3092	50.7	12.5	1	4.1
10	10		0.4339	71.2	2.3	1	31.0
11	11		0.1736	28.5	4.9	1	5.8
12	12		0.6683	109.6	8.8	5	62.3
13	13		0.9196	150.8	12.6	5	59.8
14	14		0.1979	32.5	13.6	1	2.4
15	15		1.8298	>300	102	1	Repeat in dilution
16	16		0.1523	25.0	12.4	1	2.0
17	17		1.1903	195.2	13.9	1	14.0
18	18		0.3879	63.6	10.1	1	6.3
19	19		0.9196	150.8	6.7	1	22.5
20	20		0.1979	32.5	10	1	3.3

- Measure samples in batches
- Porphobilinogen (PBG) / Creatinine ratio
- PBG calculation
- Easy data entry for sample number and patient name

Other methods included in BIO-C are faecal porphyrin, ALA and G-6-PD

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