

WORKSHEET · FOR PRIVATE & SCREENING CLINICS

The cost of disconnected point-of-care testing.

Testing is fast at the bench. The slow, hidden cost comes after: values read off a handheld and keyed in by hand, the occasional transposed digit and the chase to fix it, quality-control admin that lives in a spreadsheet, and tests that happen but never quite reach an invoice.

Most clinics have never put a number on it. This worksheet gives you a simple way to: fill in your own figures, use the worked column as a guide, and see roughly what manual, disconnected POCT costs your clinic each year.

Re-keying

TIME SPENT RETYPING
RESULTS BY HAND

Error rework

FINDING AND FIXING
A TRANSPOSED VALUE

QC admin

HOURS SPENT
ASSEMBLING QC
EVIDENCE

Missed billing

TESTS DONE BUT
NEVER INVOICED

Work out your own number.

Put your figures in the blank column. The worked column is one illustrative example only, not a claim about any clinic: replace every value with your own. Then carry the four subtotals into the summing box below.

INPUT	WORKED EXAMPLE (ILLUSTRATIVE)	YOUR FIGURE
A TIME SPENT RE-KEYING RESULTS		
Results re-keyed per day read off a device and typed into another system	40	
Minutes per result read, walk to the screen, type, double-check	1.5	
Working days per year days the clinic runs testing	250	
Staff cost per hour loaded cost of the person doing the re-keying	£22	
Subtotal A · re-keying cost per year daily results × minutes × days ÷ 60 × hourly cost	£5,500	
B FINDING AND FIXING TRANSCRIPTION ERRORS		
Transcription error rate manual result entry, Mays and Mathias 2019, JAMIA	3.7%	
Minutes to resolve an error spot it, re-check the source, correct the record	12	
Subtotal B · error rework per year results per year × error rate × minutes ÷ 60 × hourly cost	£1,628	
C QUALITY-CONTROL ADMIN		
QC admin hours per week logging controls, chasing evidence, keeping the spreadsheet	4	
Subtotal C · QC time per year weekly hours × 52 × hourly cost	£4,576	
D TESTS DONE BUT NEVER INVOICED		
Unrecorded or uninvoiced tests per week run at the bench but never captured for billing	6	

INPUT	WORKED EXAMPLE (ILLUSTRATIVE)	YOUR FIGURE
Value per test what you would have charged for it	£18	
Subtotal D · missed billing per year weekly tests × 52 × value per test	£5,616	

Worked column is one illustrative example, built only to show the arithmetic: replace every figure with your own. The 3.7% transcription error rate is from Mays and Mathias 2019, JAMIA. All other figures are placeholders, not measured values from any clinic.

YOUR ANNUAL ESTIMATE

Add the four subtotals. This is a rough estimate of the yearly cost of manual, disconnected POCT, not a quote or a guaranteed saving.

- A** Re-keying results by hand £5,500
- B** Finding and fixing errors £1,628
- C** Quality-control admin £4,576
- D** Tests never invoiced £5,616

ILLUSTRATIVE ANNUAL
TOTAL

Your total goes in the box

£17,320

WHAT CATENIX CHANGES

- A No re-keying.** A small on-site gateway captures results automatically over HL7, POCT1-A2 and ASTM and attaches them to the right visit.
- B Fewer errors to chase.** Results are carried, not retyped. Anything uncertain is queued for a person, never guessed.
- C QC evidence builds itself.** Control runs are captured, kept separate from patients, and rule-checked with Levey-Jennings and Westgard.
- D The billing loop closes.** Tests captured in the same system that ran them, ready to invoice.

Book a demo with these numbers.

Bring your filled-in worksheet and your analyser list. We will show results landing in the record, live, in a 30-minute walkthrough.

Book a demo



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