

Ambulatory ECG Service in Primary Care in partnership with:

Express Diagnostics Ltd

Incorporating Cardio Analytics



COMMUNITY CARDIOLOGY

Community Cardiology diagnostic models :

- Proven to improve the timeliness and ease of access to diagnostic tests
- Integrate care pathways across the health system/social care to achieve holistic care – keeping the GP/Practice at the core of care
- Reduce:
 - Unplanned hospital admissions
 - Waiting times for services within secondary care
 - Hospital outpatient appointments and follow-ups
- Everyone benefits!.....
- Any model must include appropriate reimbursement to the practice for the work done, not just add to the ever increasing burden of primary care.

EFFECTIVE & SAFE PRACTICE

The 12 lead ECG is often found to be normal/non-specific therefore:

- The ideal and NICE recommended method for correlating intermittent cardiac symptoms with ECG findings is an ambulatory ECG recording/Holter
- For the majority of low risk patients initial expert assessment and reassurance is all that is necessary which can be easily provided within a primary care setting
- For cases that require complex care, the level of skill, expertise and expenditure of a secondary care referral is completely appropriate

.....but in the meantime the system is being overwhelmed by patients who could have been safely and efficiently managed in primary care

EFFECTIVE & SAFE PRACTICE

We offer 3 levels of reporting:

- Technical reports – technician's report with appropriate sample ECG strips and summary tables
- Cardiologist over-read service – technical report as above but with a summary report & recommendation by one of our Cardiologists
- Trigger list – technical report as above but with significant findings highlighted for action

There are 4 grading/risk rating (RR) levels:

RR1 = Normal/GP management

RR2 = Routine Referral to Secondary Care

RR3 = Urgent Referral to Secondary Care

UTE = Unable to evaluate – please repeat test (usually due to excessive artefact)

Please note that we will call the practice to notify the referring/duty GP of any recording that features a RR3 finding

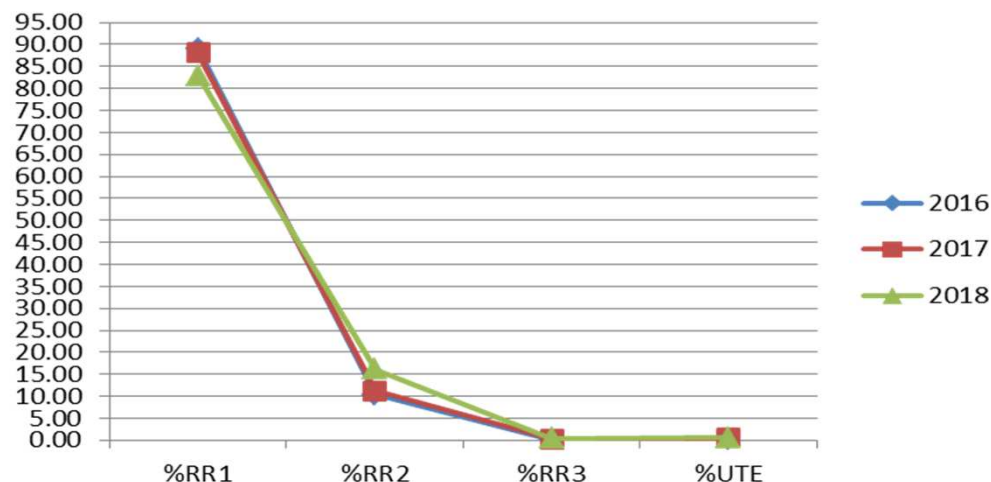
EFFECTIVE & SAFE PRACTICE

To evaluate the safety & reliability of the community model we examined the statistics from those contracts which utilise our Cardiologist over-read service.

Over the last 3 years there has been little variation in the findings proving that this low risk population can be safely assessed in a primary care setting.

Risk Rating Trends '16, '17, '18

Risk Rating	2016	2017	2018
%RR1	89.08	88.04	82.90
%RR2	10.39	11.23	16.08
%RR3	0.20	0.26	0.42
%UTE	0.33	0.40	0.61



Those with RR1 results can be managed locally meaning that those with more significant findings will have been assessed faster because it's been done in their own practice and referred more appropriately onward to secondary care with a copy of the report.

MAKING IT HAPPEN - OPTIONS

Standard Holter recording is a proven technology utilising robust devices, can be easily repurposed for Primary Care, familiar reporting format easily understood

Flexible Speed Of Reporting:

Range Of Turnaround Times – Same Day To 10 Day Options

This helps the client to manage Budgets

Significant finding Alert service

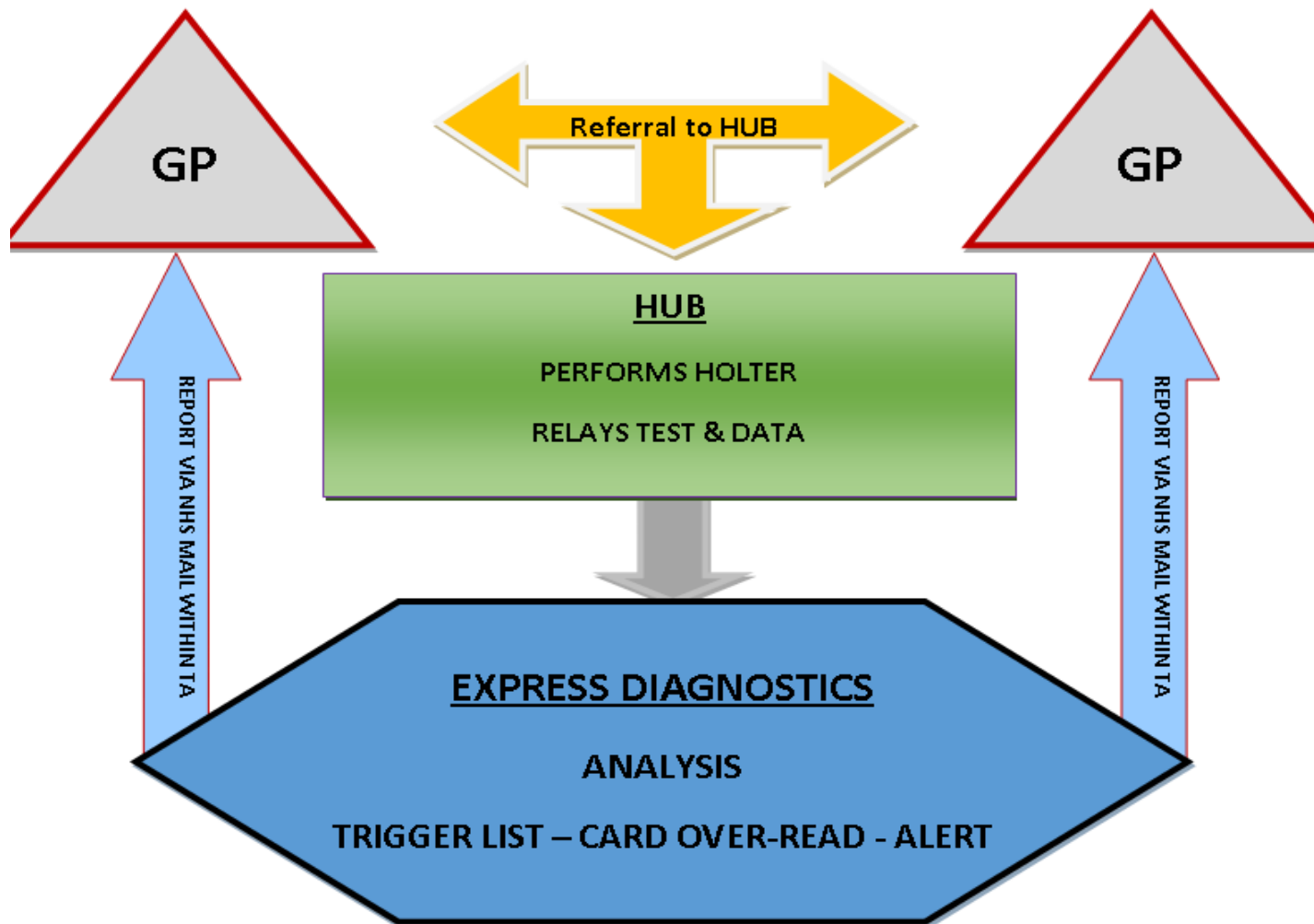
Recommended Recording Options:

24HR For Frequent Daily Symptoms & 7Day Event For Less Frequent Or Nocturnal Events - Same Analysis Price

Bespoke Metrics: tracking usage, device efficiency tracking, turnaround times, demographic trends, significant findings tracking

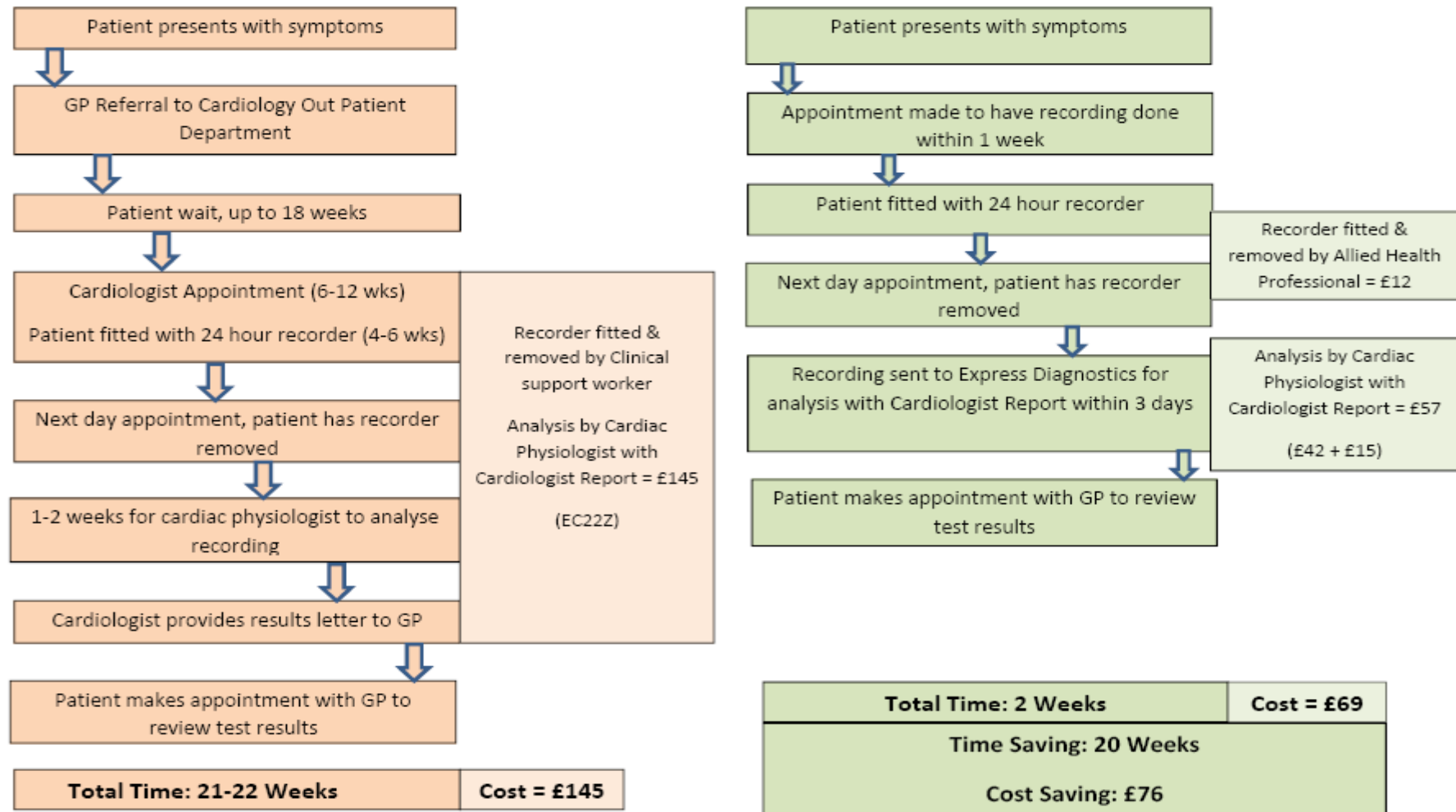
MAKING IT HAPPEN – HUB & SPOKE

The service can be used as a stand-alone model for the patients of the practice only or a practice can offer the service to other local area groups and act a Hub.



MAKING IT HAPPEN – HUB & SPOKE

Arrhythmia Assessment – Secondary Care Vs Primary Care – Time & Cost Comparison



References: Costs based on Personal Social Services Research Unit, University of Kent cost assessment figures "Unit costs of Health & Social Care 2014" by Lesley Curtis

Why partner with Express Diagnostics Ltd?

Express Diagnostics provides a “One-stop-shop”:

- Provision of Equipment & Consumables
- Training both on-site & remote
- Refresher training, equipment servicing
- On line & Telephone Tech Support available Mon-Fri 8am-8pm

.....all handled in-house and via a single access point.

Why partner with Express Diagnostics Ltd?

- ✓ Full Client Support – technical and clinical
- ✓ Over 20 years experience as:
 - Leading Cardiac safety service provider for the Global Clinical Trials industry
 - Outstanding remote ECG/Holter interpretation services to UK GPs and hospital
- ✓ ISO 9001:2015
- ✓ All Staff Fully GCP & Information Governance Trained
- ✓ Registered with the CQC in 2010
- ✓ IG Toolkit “Satisfactory” 100%

THANK YOU FOR YOUR TIME!

