

Sharran Grey

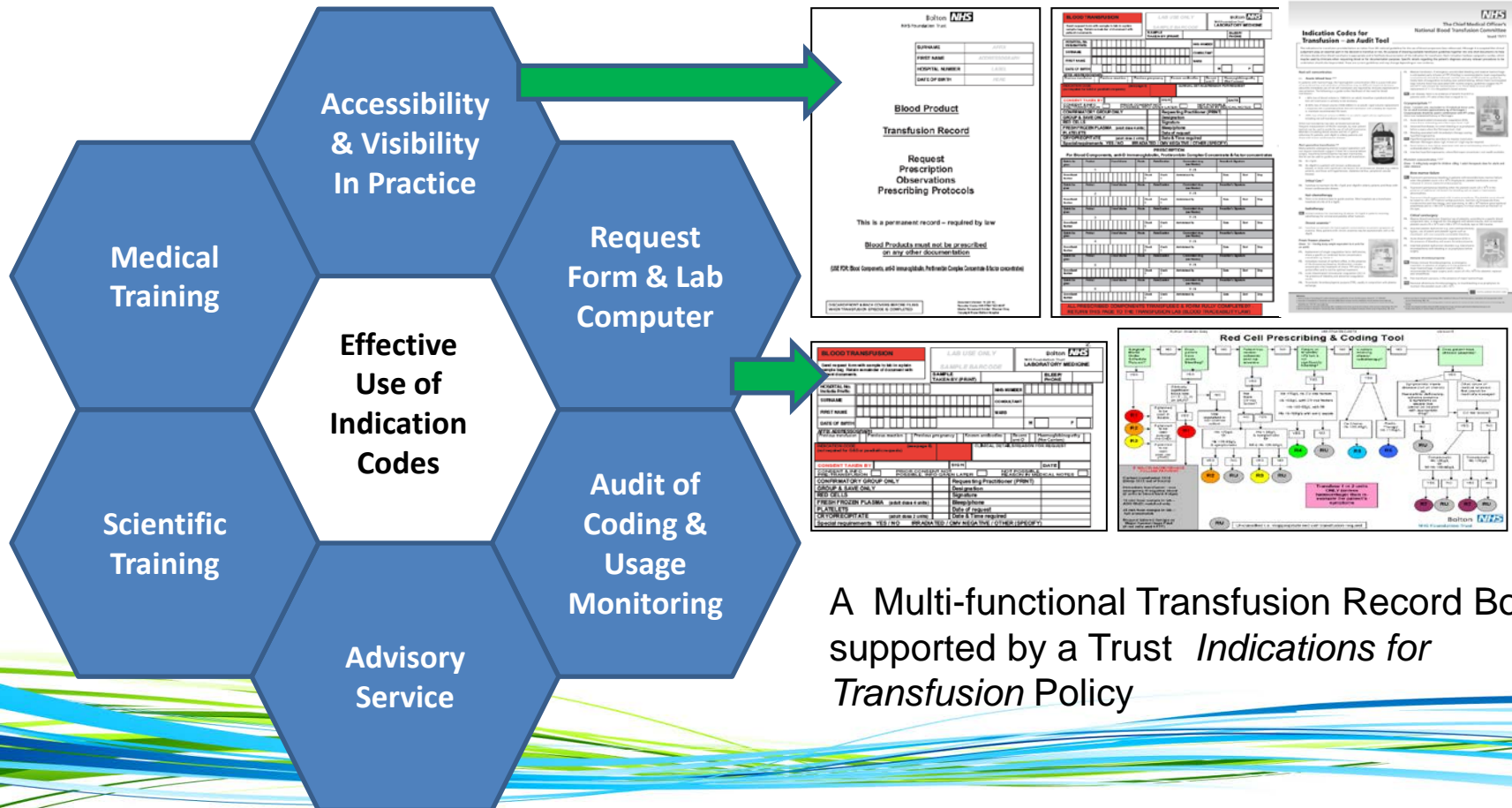
Blood Transfusion Clinical Lead

Bolton NHS Foundation Trust



INDICATION CODES: A TOOL TO FACILITATE CHANGE

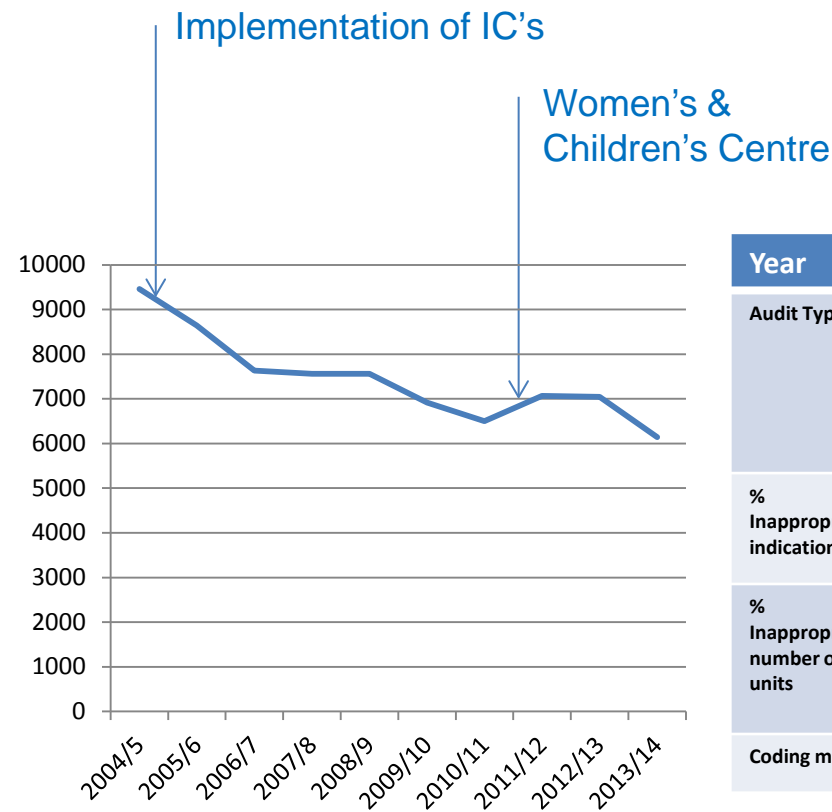
A range of supporting initiatives are essential to embed in practice and yield improvements



A Multi-functional Transfusion Record Booklet supported by a Trust *Indications for Transfusion Policy*

Usage Activity Monitoring

What has been the impact on blood usage?



35% reduction in use of red cells since implementation

£414K cost avoidance (based upon current cost of red cell unit)

Plasma 43% reduction
Platelets 36% reduction

Audit

What has been the impact on the appropriate use of blood?

Year	2005	2006	2008	2010	2011	2012
Audit Type	Local Appropriate Use Audit	Local Appropriate Use Audit	Local Appropriate Use Audit orthopaedics	Indication Coding Audit	NCA Medical Use of Red Cells	Indication Coding Audit
% Inappropriate indication	40%	2.5%	14%	2.1%	3% (reversible anaemia)	0.8%
% Inappropriate number of units	25%	15%	14%	13.4%	11% (overshot target Hb)	15%
Coding match	na	na	na	82%	na	92%

Significant impact on appropriate indications, but scope for improvement in terms of number of units administered (single unit transfusions are promoted)

Summary – benefits

Allows recording & documentation of an evidence-based reason/indication for transfusion

Challenges decision making – is this appropriate? is there an alternative?

Knowledgeable and empowered staff (training/competency assessment)

Supported staff (advisory service)

Reduces usage (activity monitoring)

Appropriate use (audit)

