





Optimising System Value by Reallocating resources for a care pathway

Mara Airolidi
Hellish Decisions in Healthcare
12-13 January 2017

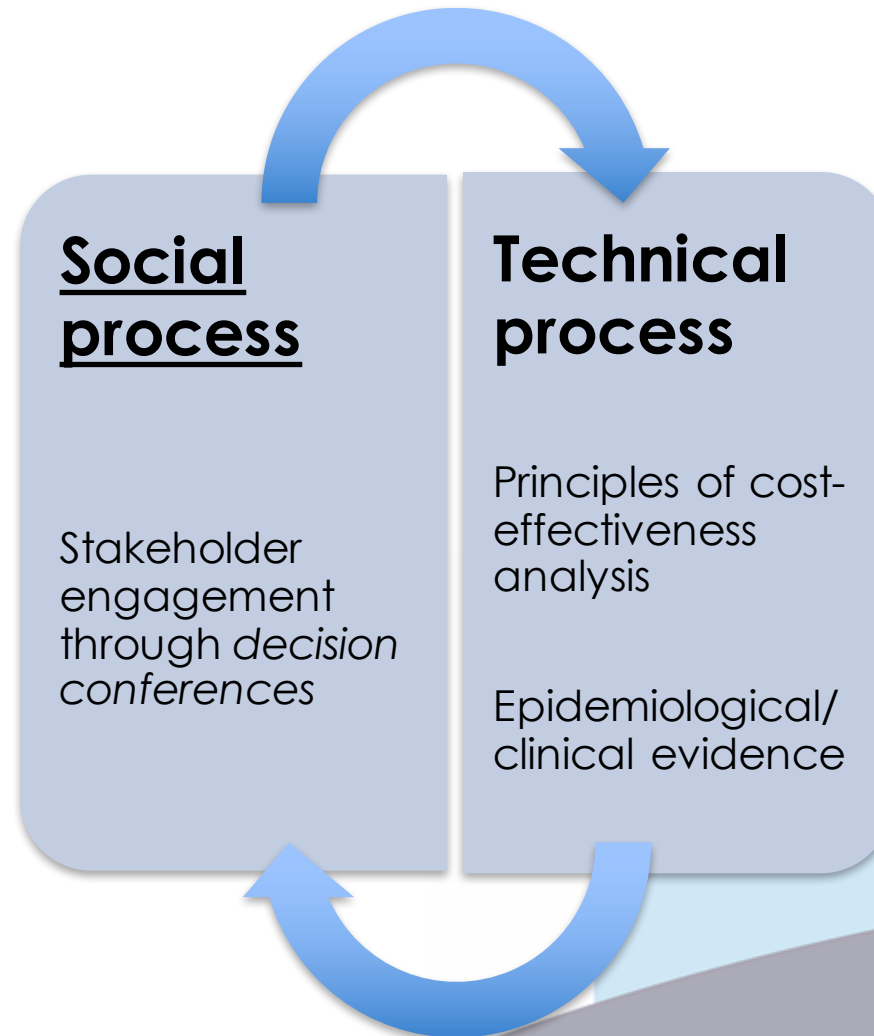




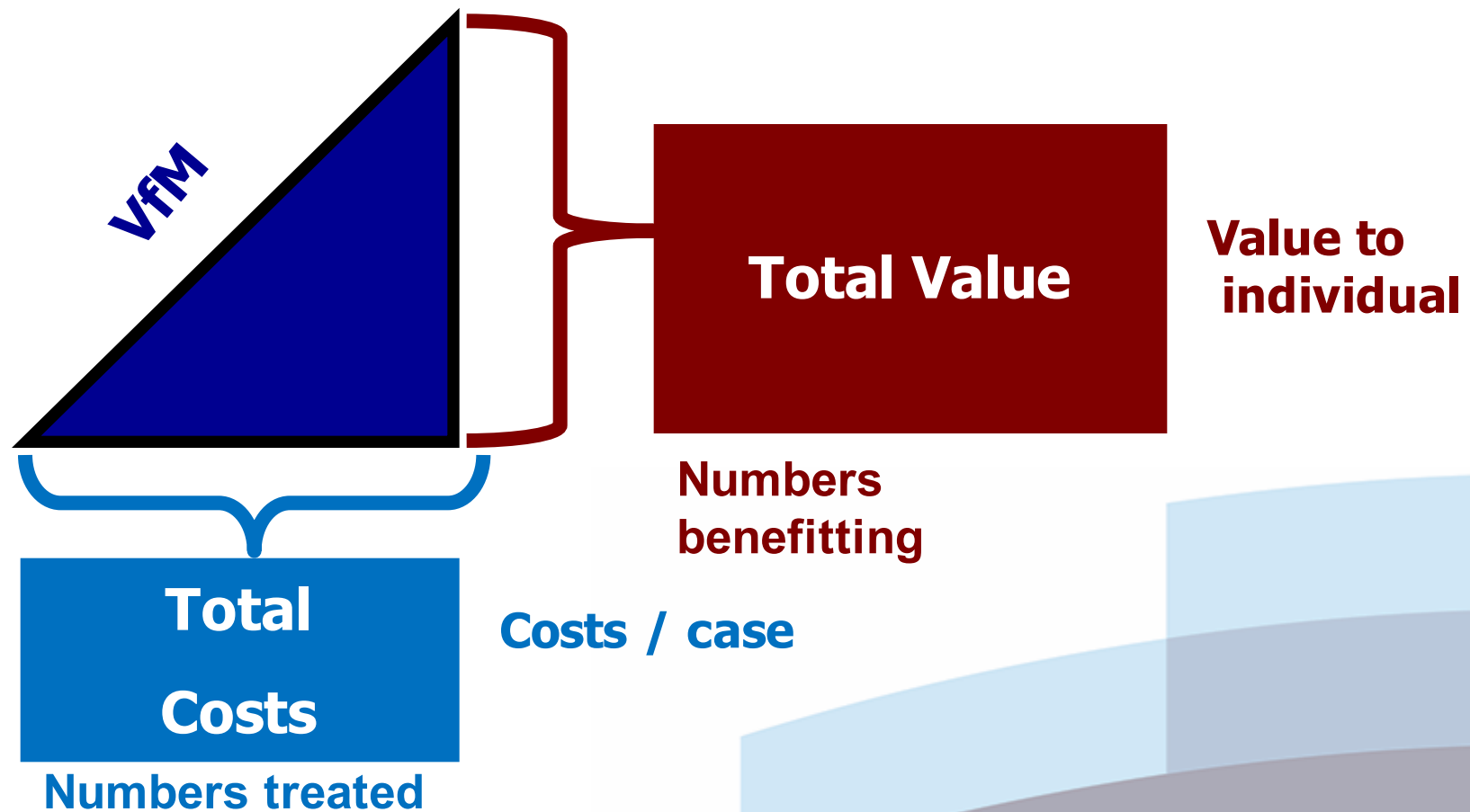
“What if we don’t change at all ...
and something magical just happens?”

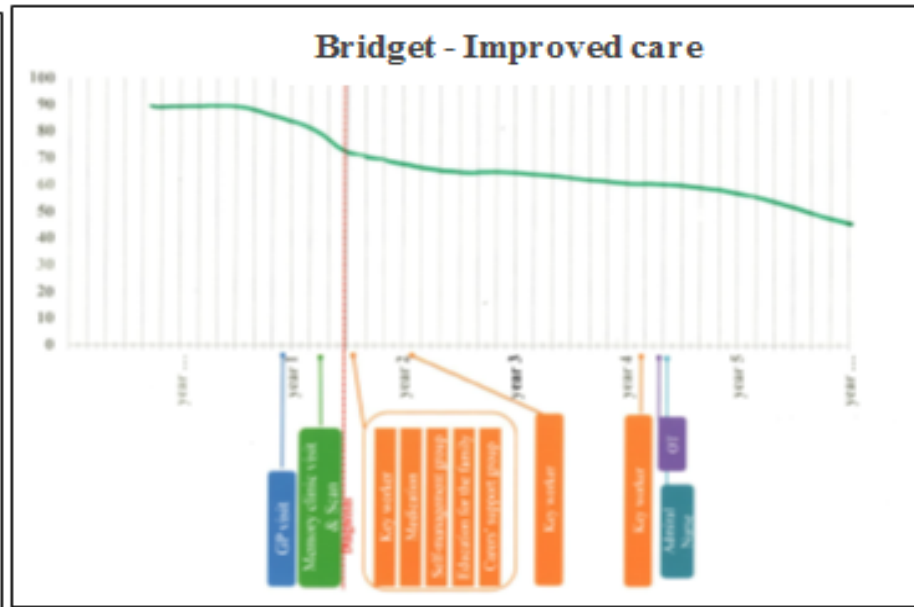
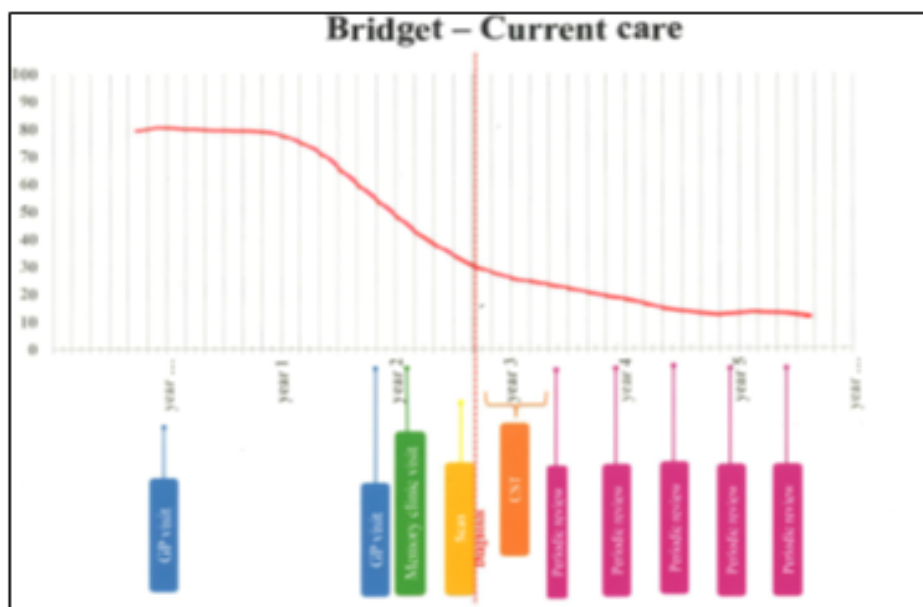
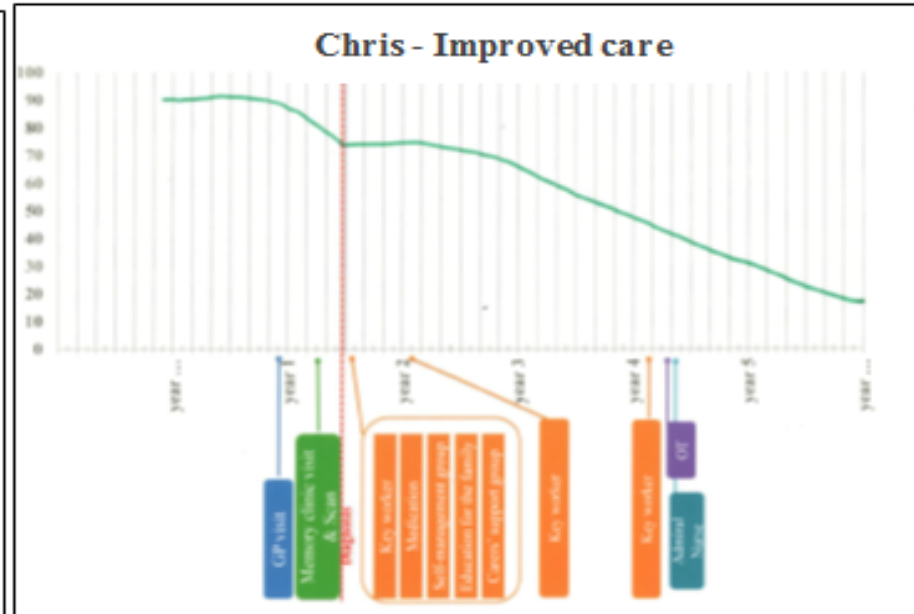
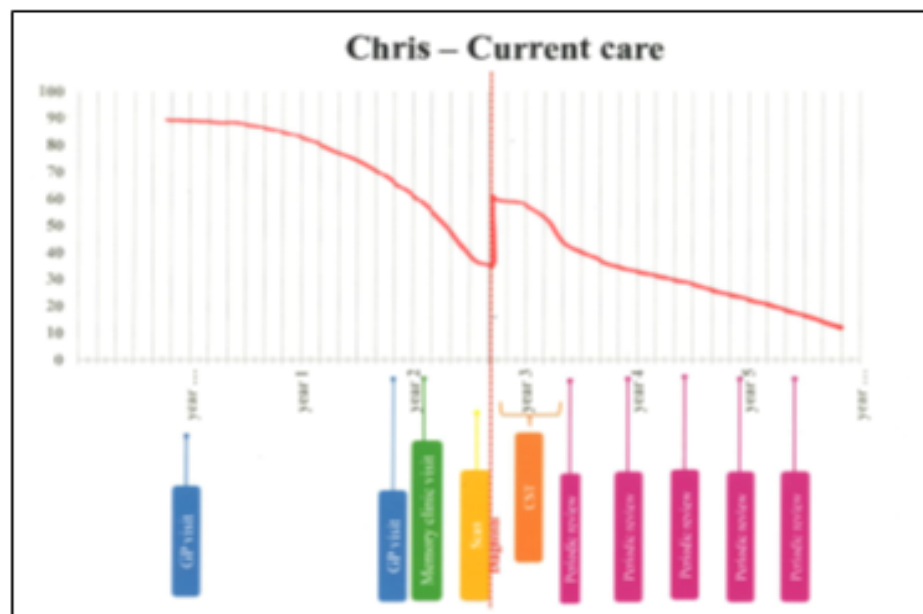
The 'intervention': **STAR**

Socio-Technical Allocation of Resources

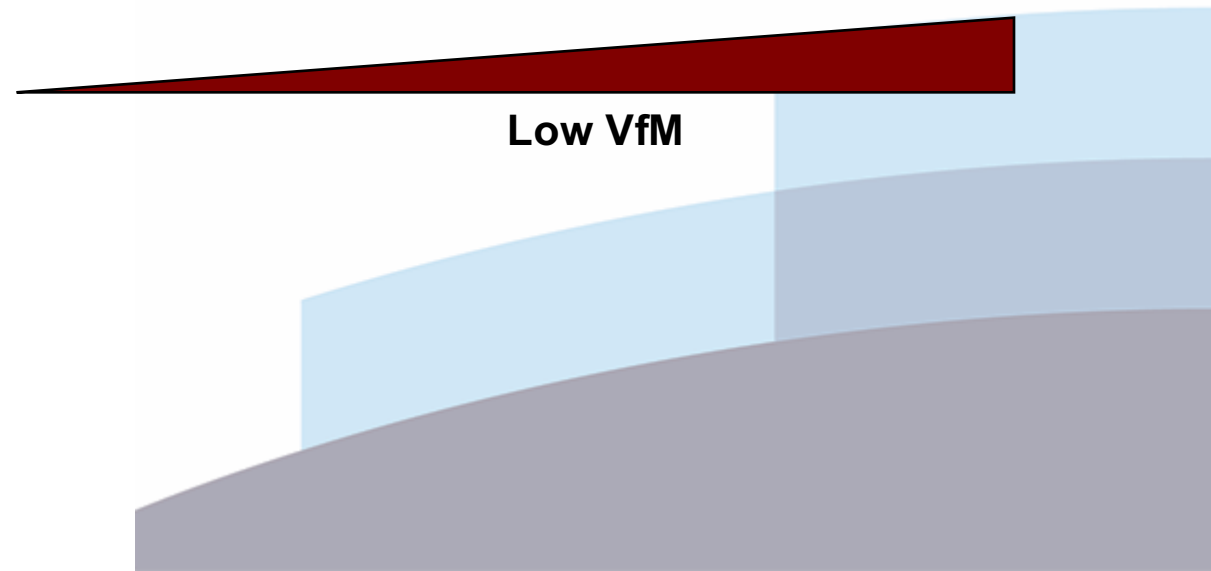
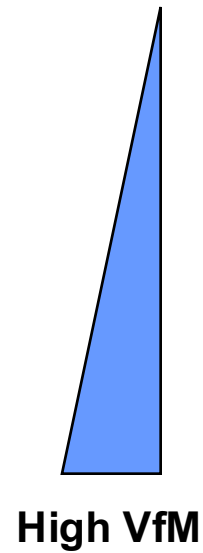


STAR visual models: Vfm triangle

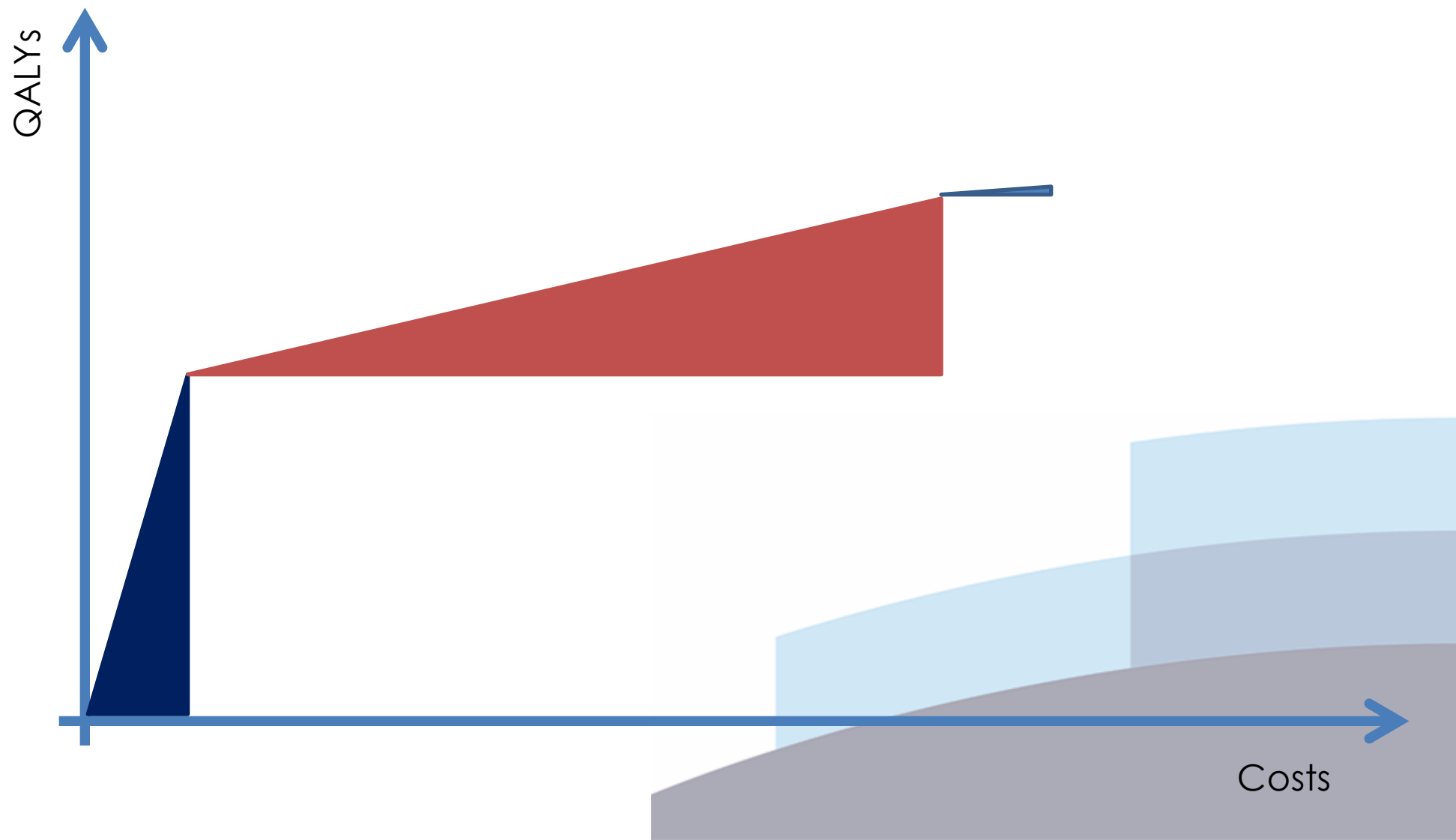




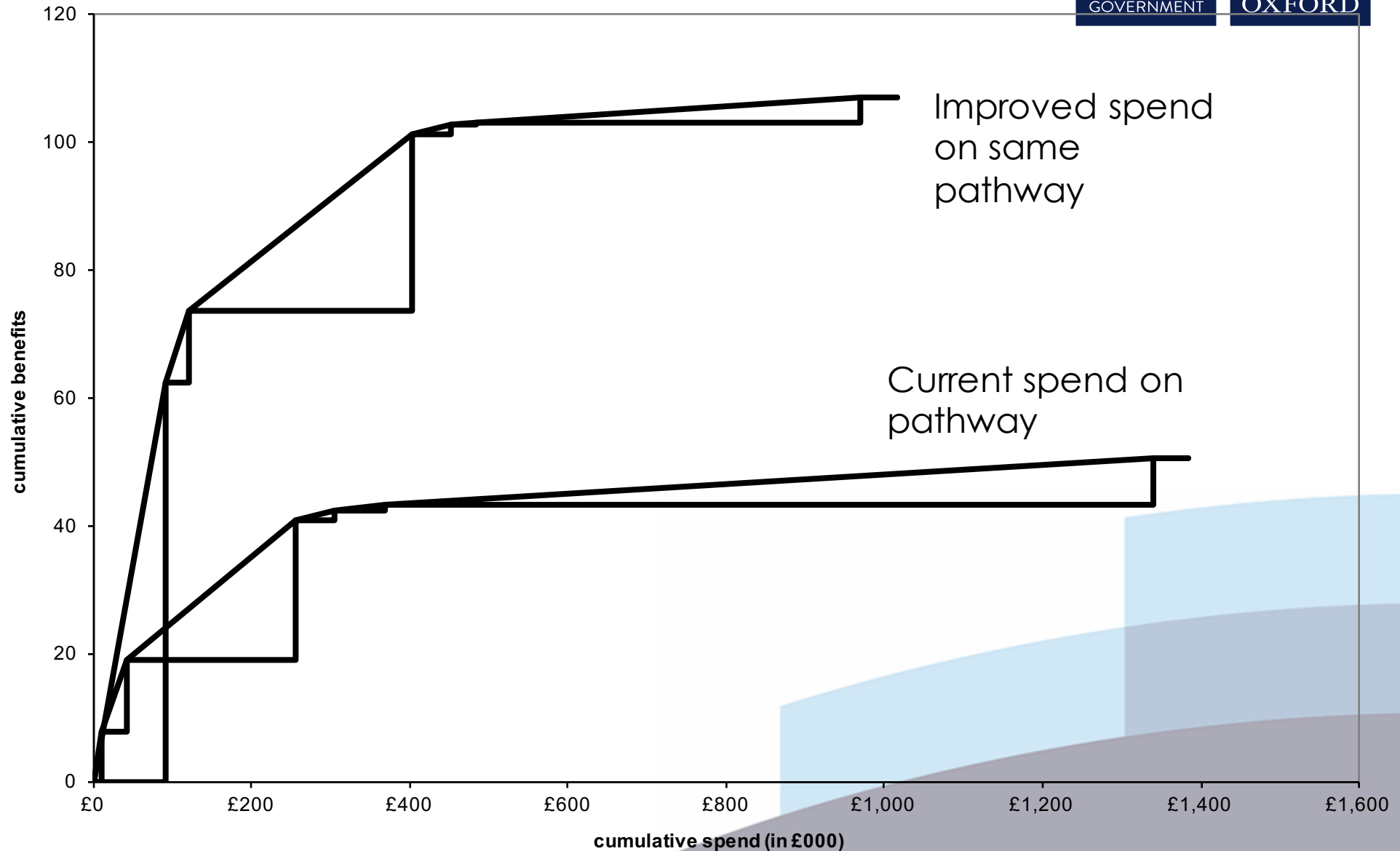
$VfM = \text{Slope of hypotenuse}$



STAR visual models: efficiency frontier



Visual model: shifting resources







Thank you!

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THE STAR APPROACH



USING STAR TO
IMPROVE VALUE
IN TREATMENT
OF CHRONIC
OBSTRUCTIVE
PULMONARY
DISEASE



Richard Glover
North of England Commissioning
Support

*Hellish Decisions in
Healthcare
Oxford
Thursday 12th January, 2017*



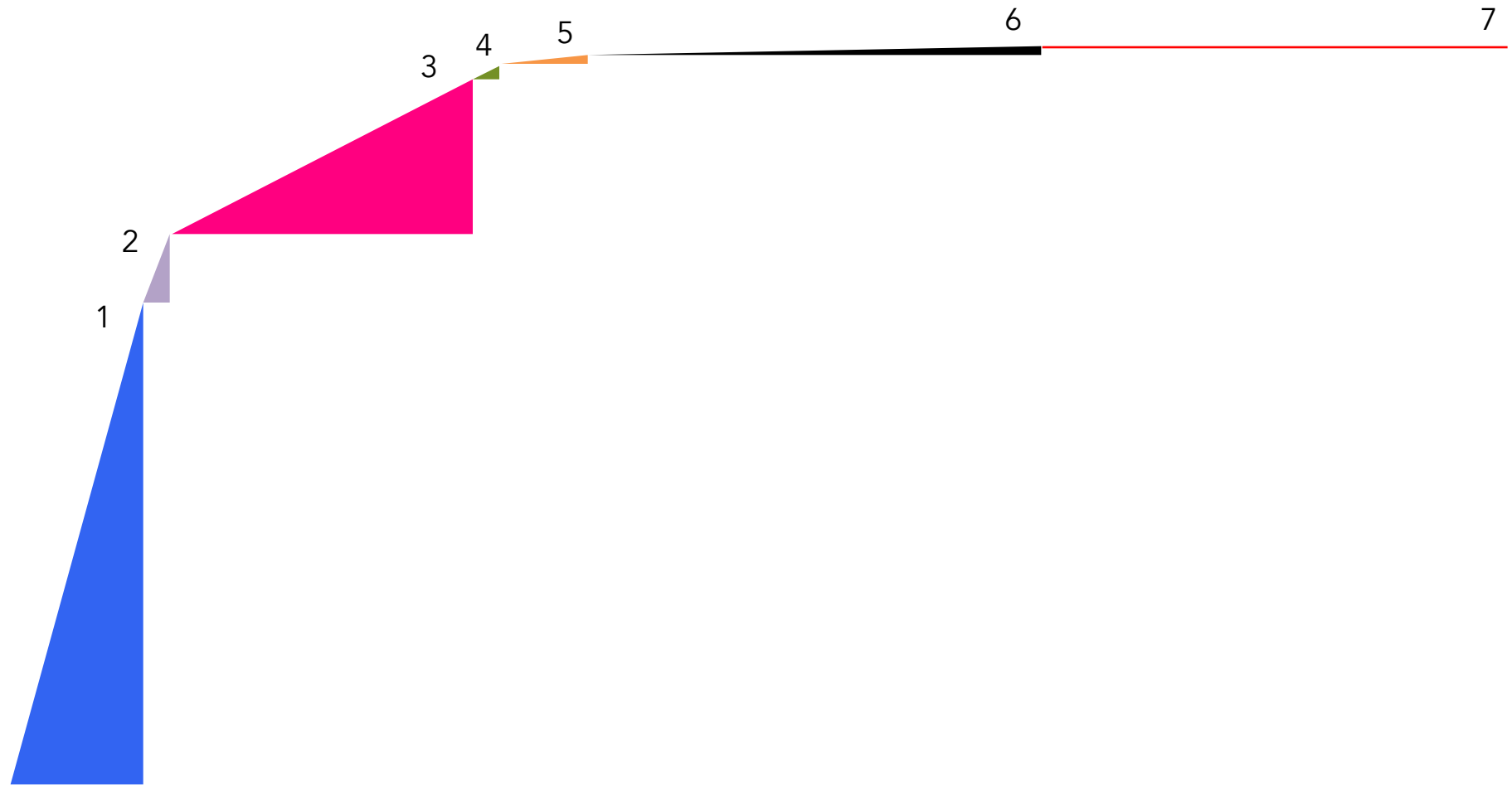
North of England
Commissioning Support





THE STAR APPROACH

COPD

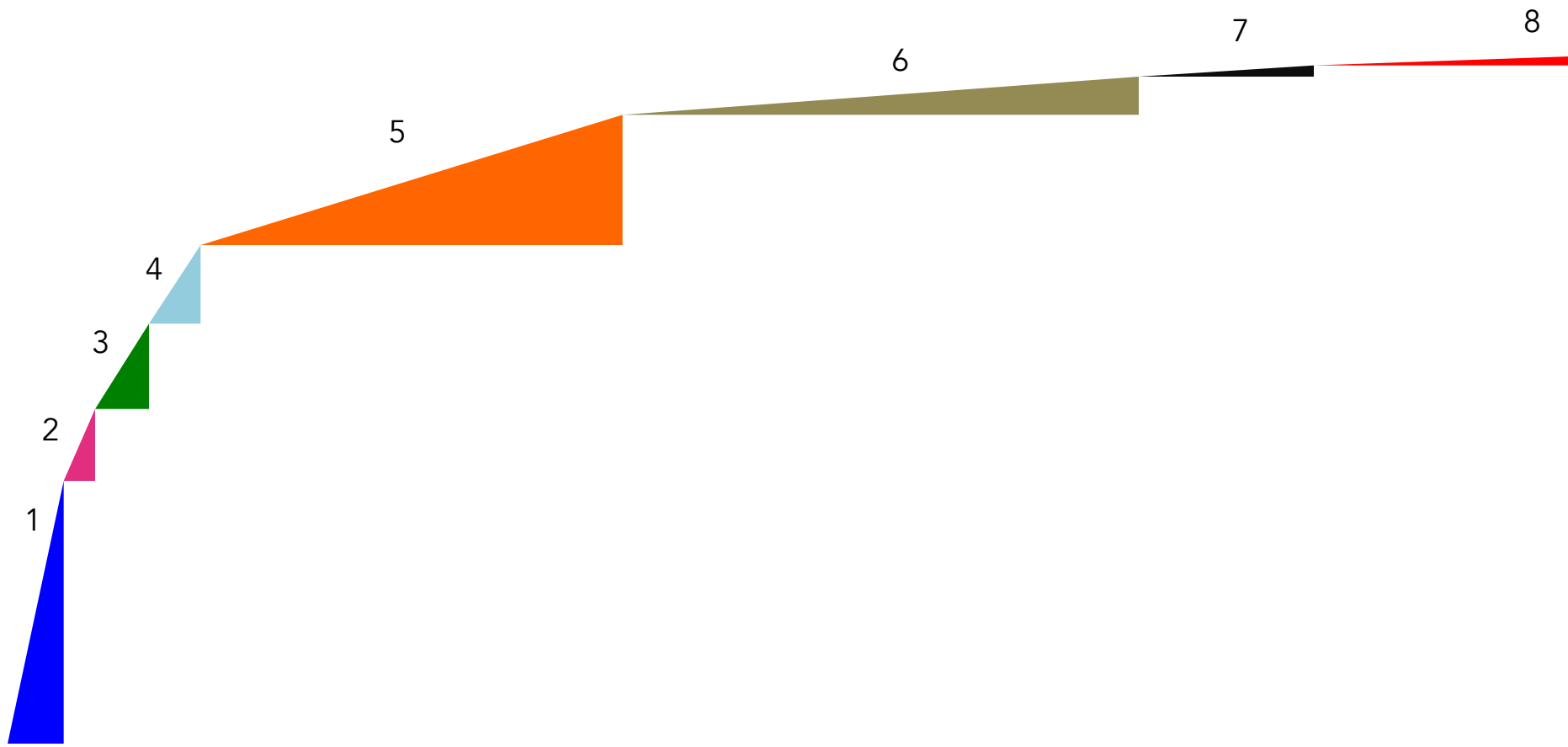


1. Smoking Cessation
2. CBT

3. Flu Jab
4. Pulmonary Rehabilitation

5. Good Inhaler Technique
6. Poor Inhaler Technique

7. Acute Admissions



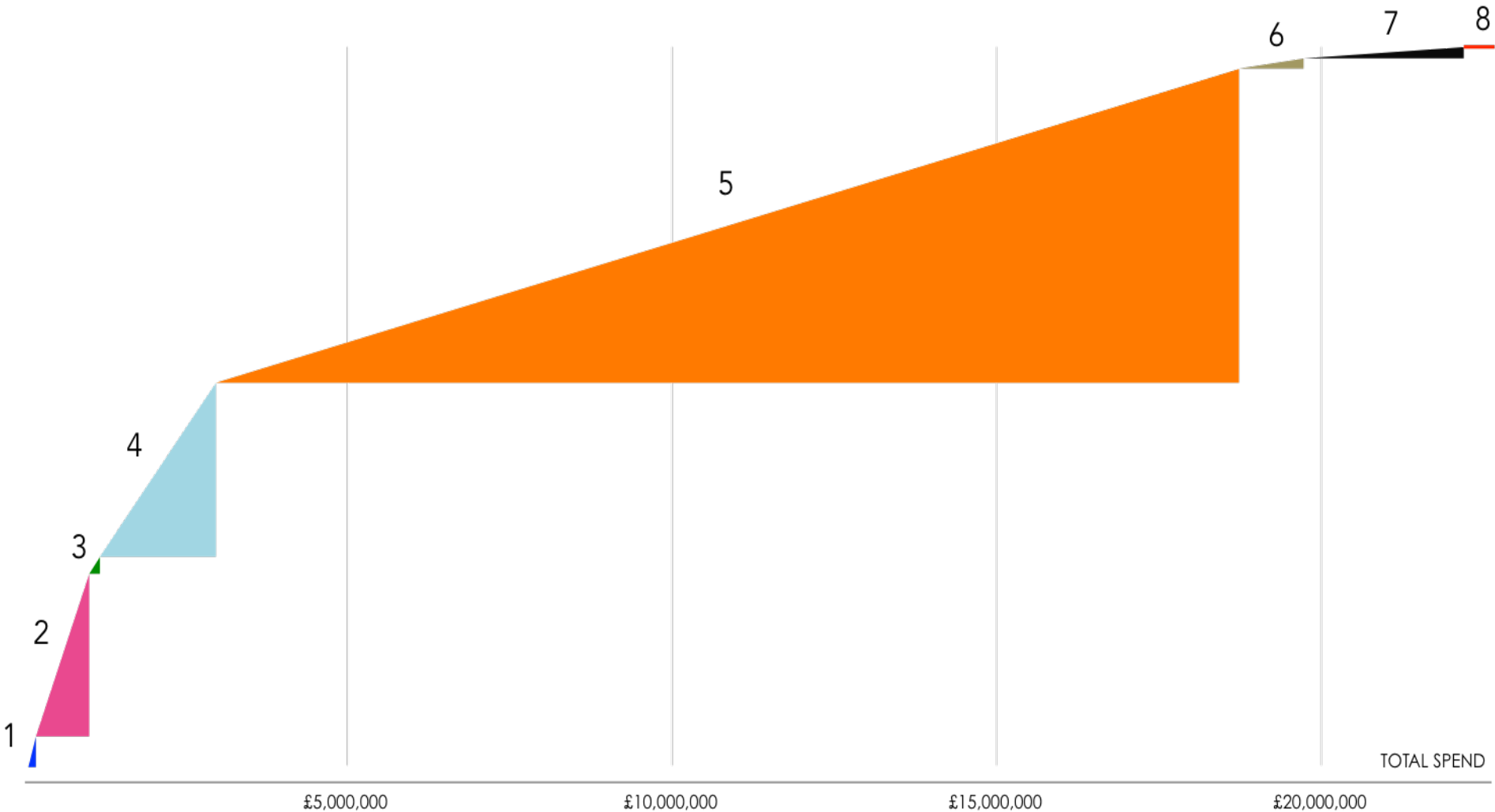
TOTAL SPEND

- STOP SMOKING
- FLU JAB
- PULMONARY REHABILITATION
- BLUE INHALERS
- DUAL/TRIPLE INHALERS
- EMERGENCY ADMISSIONS
- LONG-TERM OXYGEN THERAPY
- POTENTIALLY AVOIDABLE ADMISSIONS



TOTAL SPEND

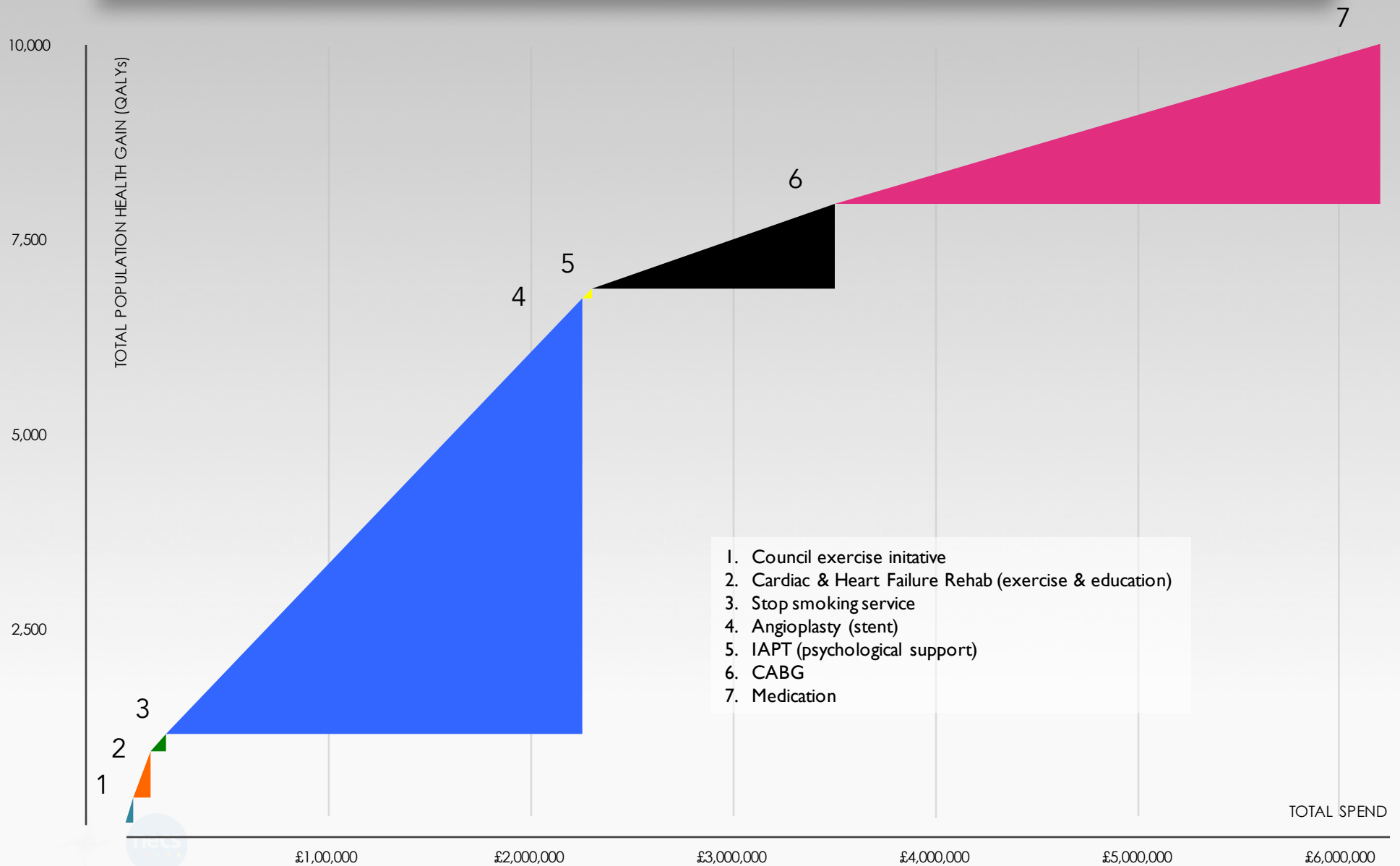
VALUE FOR MONEY WHEN FUNDING FOR **DURATION OF INTERVENTION**

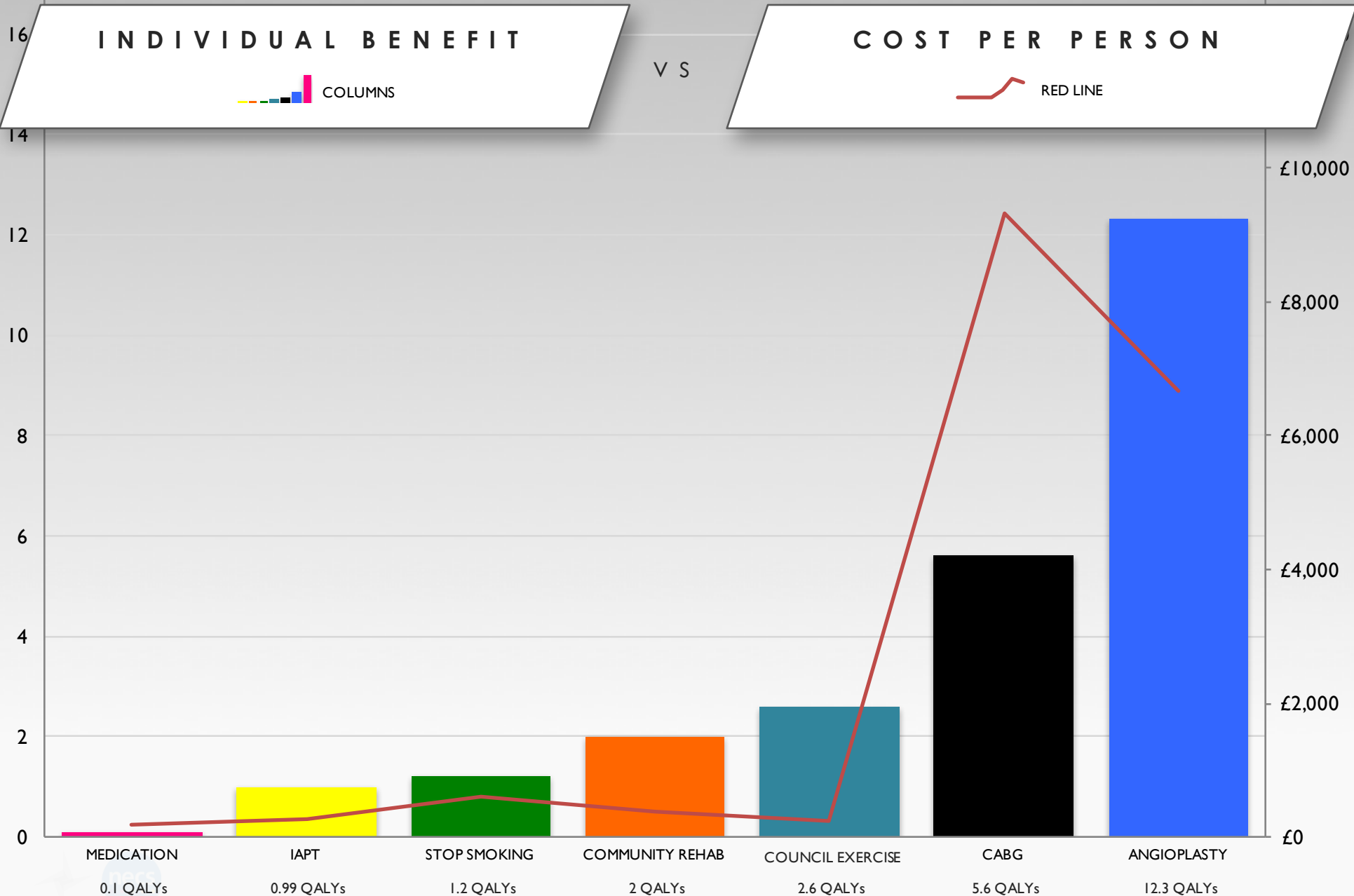


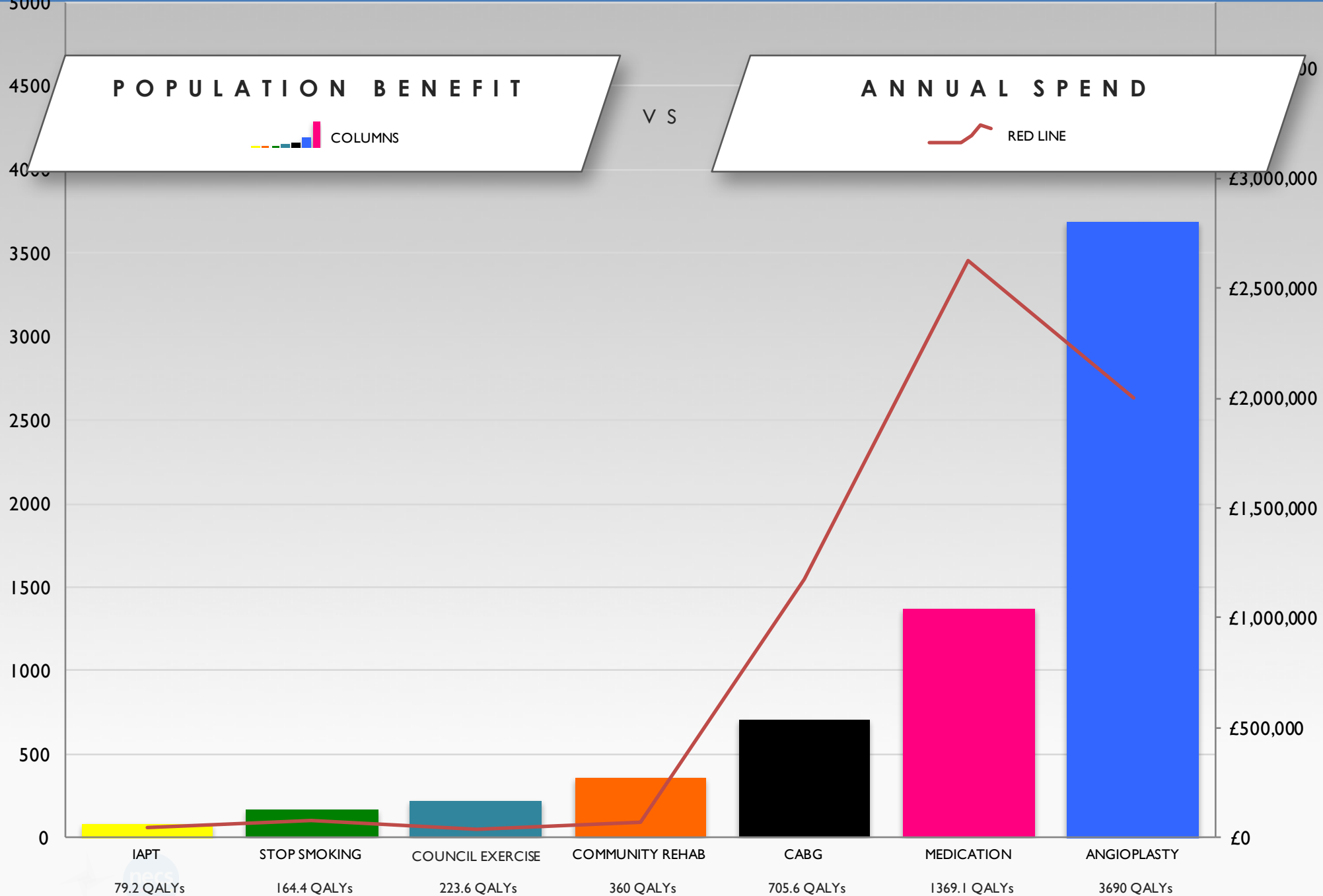
THE STAR APPROACH

OTHER WORK

VALUE FOR MONEY TRIANGLES









A pound spent on these interventions
buys you approximately...

M E D I C A T I O N

5

hours



C A B G

5

hours



I A P T

16

hours



A N G I O P L A S T Y

16

hours



S T O P S M O K I N G S E R V I C E

18

hours



C A R D I A C & H E A R T F A I L U R E R E H A B

45

hours



C O U N C I L E X E R C I S E I N I T I A T I V E

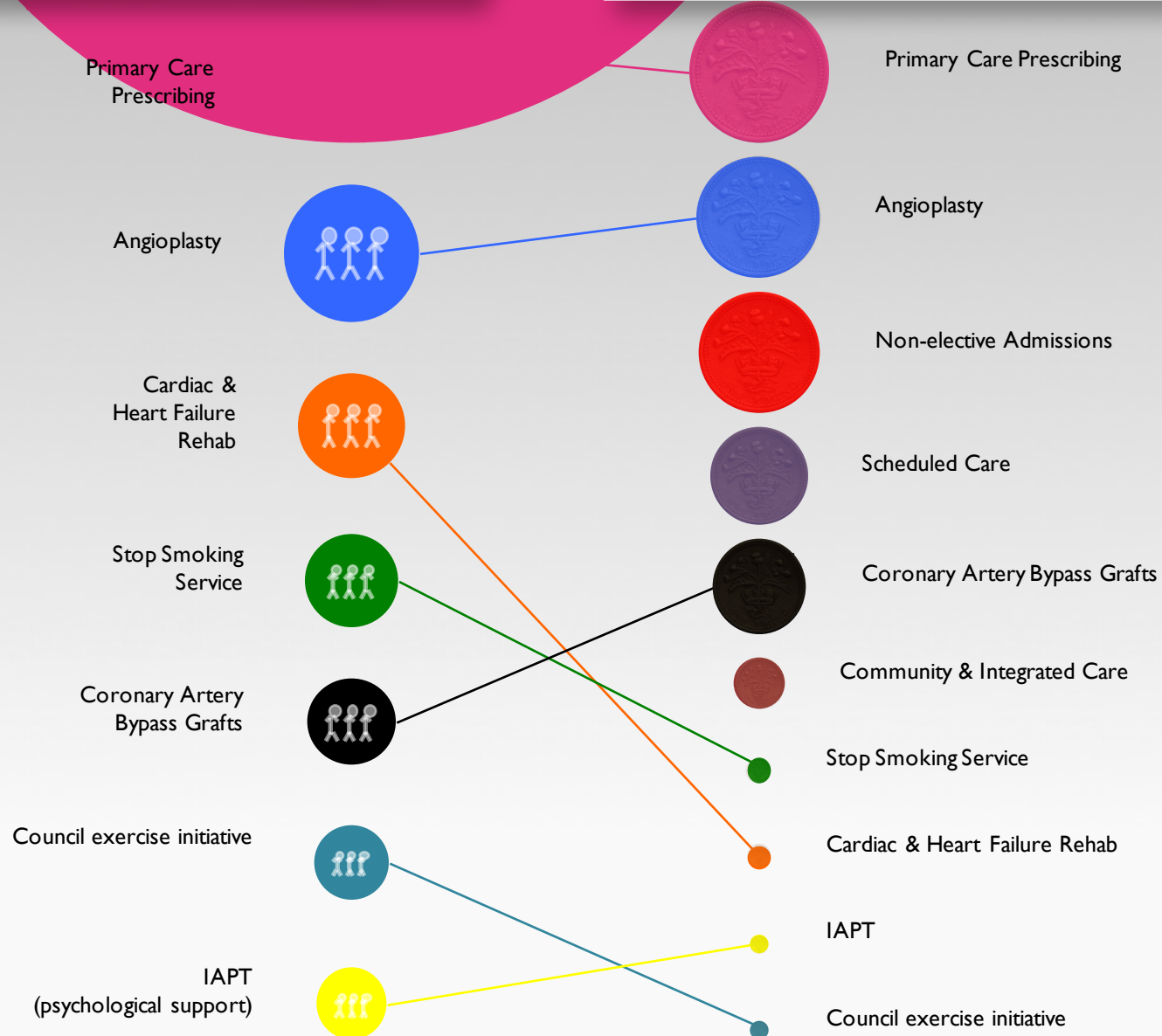
46

hours



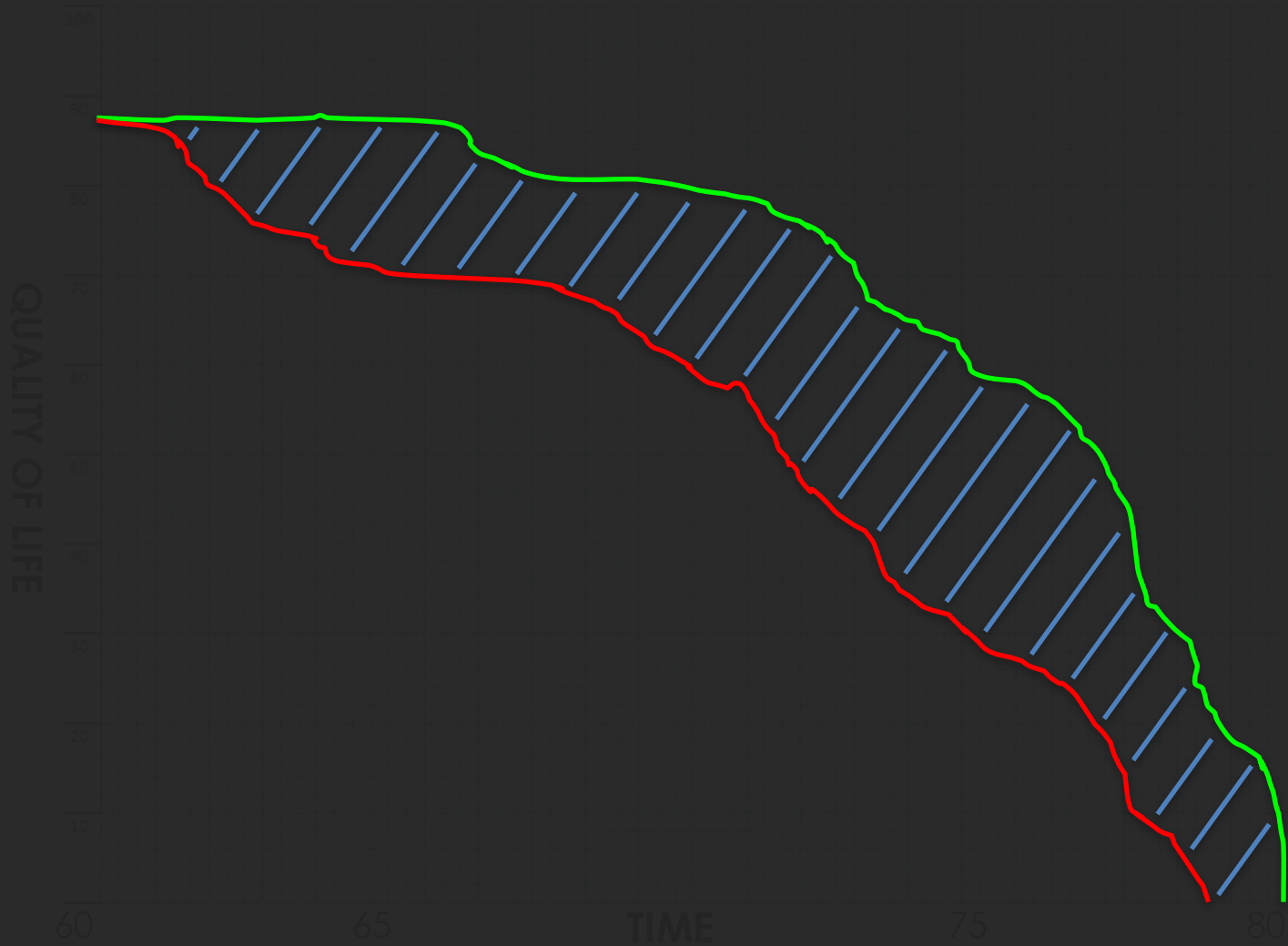
NUMBERS BENEFITTING

SPEND



THE STAR APPROACH

NEXT



WORKSHOP 1

STAR Tool

COPD - HAST

Intervention name

Smoking Cessation

Costs

Fixed Annual

0

Per Person Treated

150

No. Treated

4,446

£666,900

Benefits

No. Who Benefit

140

Benefits Per Person (QALYs)

4.2

588

Costs

Fixed Annual

111,000

Per Person Treated

0

No. Treated

183

£111,000

Benefits

No. Who Benefit

140

Benefits Per Person (QALYs)

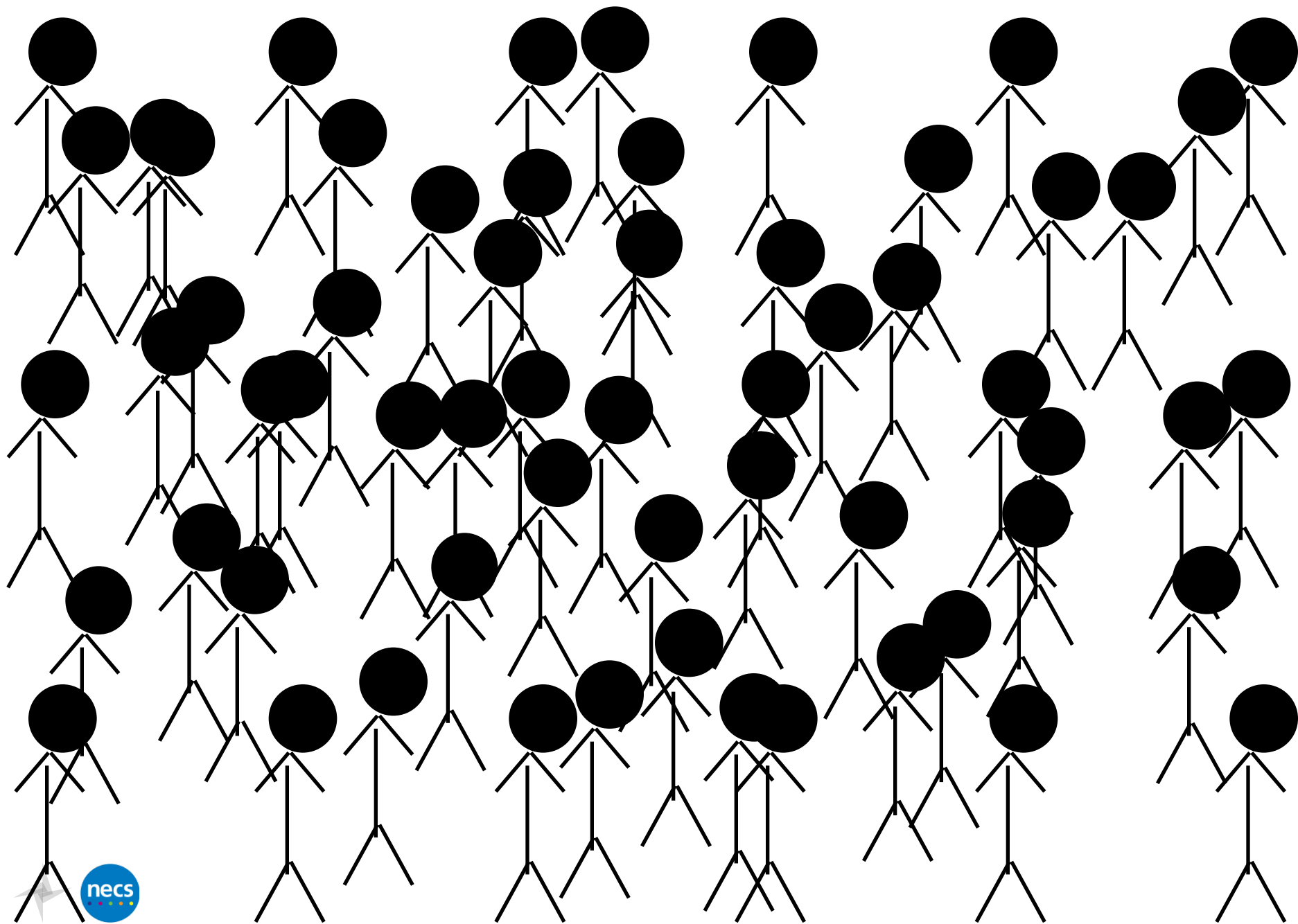
4.2

588



THE STAR APPROACH

PROs & **CONs**





THE STAR APPROACH

QUESTIONS

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