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MLP 6 COURSE PRESENTATION:



In this session:

- Setting the context to the project proposal
 - The project – aims & methodology
 - Delayed transfers – 1st strand
 - Capacity – demands & predictions analysis
 - Proposition to clinical futures' modellers
 - Suggestions for Implementation and outcomes measures
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Proposal – context setting:

- Occupancy rates for critical care
 - Delayed transfers of care from critical care
 - Increase in demand
 - Unmet needs for critical care
 - New 'Grange university hospital' being built
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Aims of the project:

- Quantitative and qualitative analysis of delayed transfers
 - Advice the service redesign board in ABUHB on critical care capacity needs via the clinical futures' modelling team
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Methodology:

- Delayed transfers analysis: fishbone analysis and driver diagrams
 - Clinical futures capacity needs: identify stakeholders, planning, project implementation and evaluation
 - (ethical approval felt not needed due to analysis at an organisational level only)
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RGH Delayed >4hrs - 2017 - 2018

Month	% Patients Delayed	WAG Target %
April	81	5
May	82	5
June	77	5
July	79	5
August	71	5
September	75	5
October	86	5
November	71	5
December	60	5
January	77	5
February	74	5
March	77	5

[illegible]



Delayed transfers:

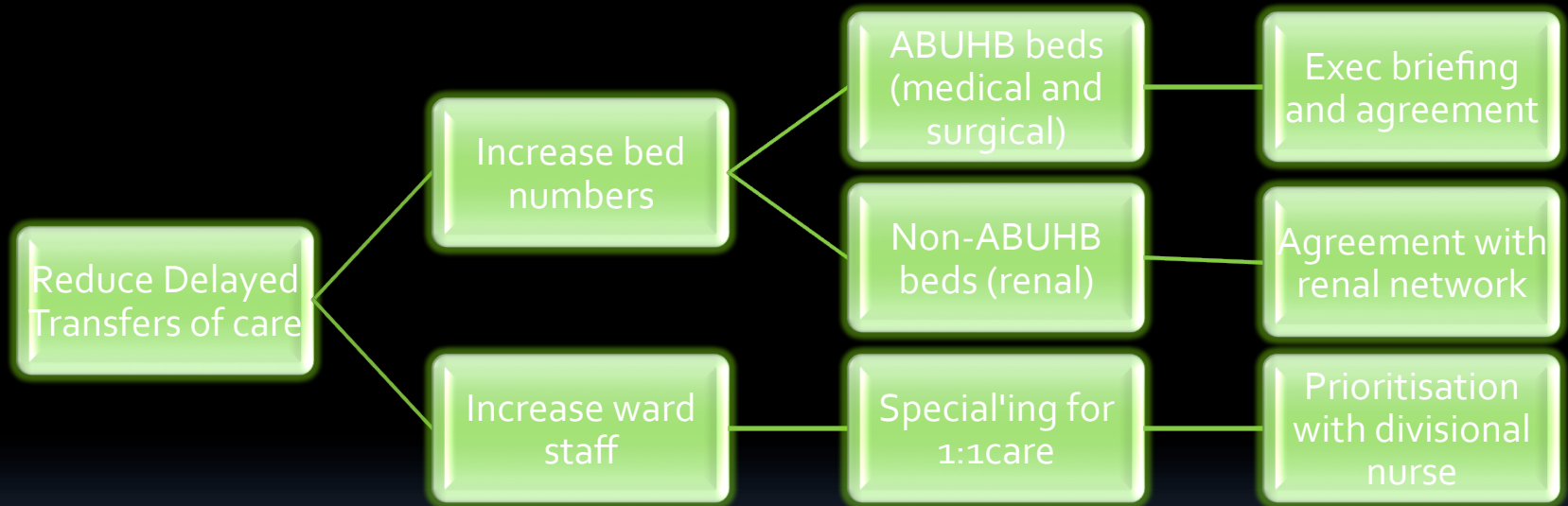
- Brainstorming and qualitative analysis of delayed transfers via fishbone analysis and driver diagrams
 - Snapshot audit in July 2018
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Delayed transfers:

- Lack of hospital ward beds in general
- Lack of specialty-specific ward beds
- Prioritisation of ward beds for ED / MAU
- Elective surgical work prioritisation (cancer)
- Need for one-to-one special nursing needs
- Lack of renal beds in the tertiary centre in UHW Cardiff

Delayed transfers:





Clinical futures' capacity needs for critical care:

Clinical futures
project
(June 2018)

Scoping the project and analysis
of data (July 2018)

Involve key stakeholders
(July 2018)

Methodology
(July 2018)

Interim analysis of
mathematical model
(August 2018)

Presentation at the Divisional
Management Team meeting (Sep'18)
Presentation at the Challenge &
Support meeting in ABUHB (Sep
2018)



Clinical futures' capacity needs for critical care:

- Key stakeholders: critical care, clinical futures' team and mathematical modellers
 - Mathematical analysis of current demand
 - Unmet needs: surgical, medical and others
 - Simul8 model: use real-time data, run current patient pathways with timeframe, provide simulated changes to pathways (demand, length of stay etc.,) and find real-time solutions
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Clinical futures' capacity needs for critical care:

- Proposed critical care capacity model for the new 'Grange university hospital'
 - A phased approach to implement the model
 - Workforce modelling
 - Financial evaluation
 - Suggested outcome evaluation from implementation of the project in the Grange hospital
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Thank you.

