

Barts Health Our QI Journey So Far



Barts Health Diabetes Team

Doctors

Evelien Gevers, Rathi Prasad, Claire Hughes,
Ruben Willemsen

Prab Kalaivanan, Paramita Cifelli, Ashraf Gabr
Mala Kurre

Nurses

Nicky Moor, Leah Thomas , Lisa Fuller, Saniya
Akther, Freyja Cullen, Hannah Adamson, Trish
Rogan, Jenny Hurley

Dietitians

Kate Sharples, Waseema Skogen, Chelsea Slough,
Sarah O'Toole

Psychology

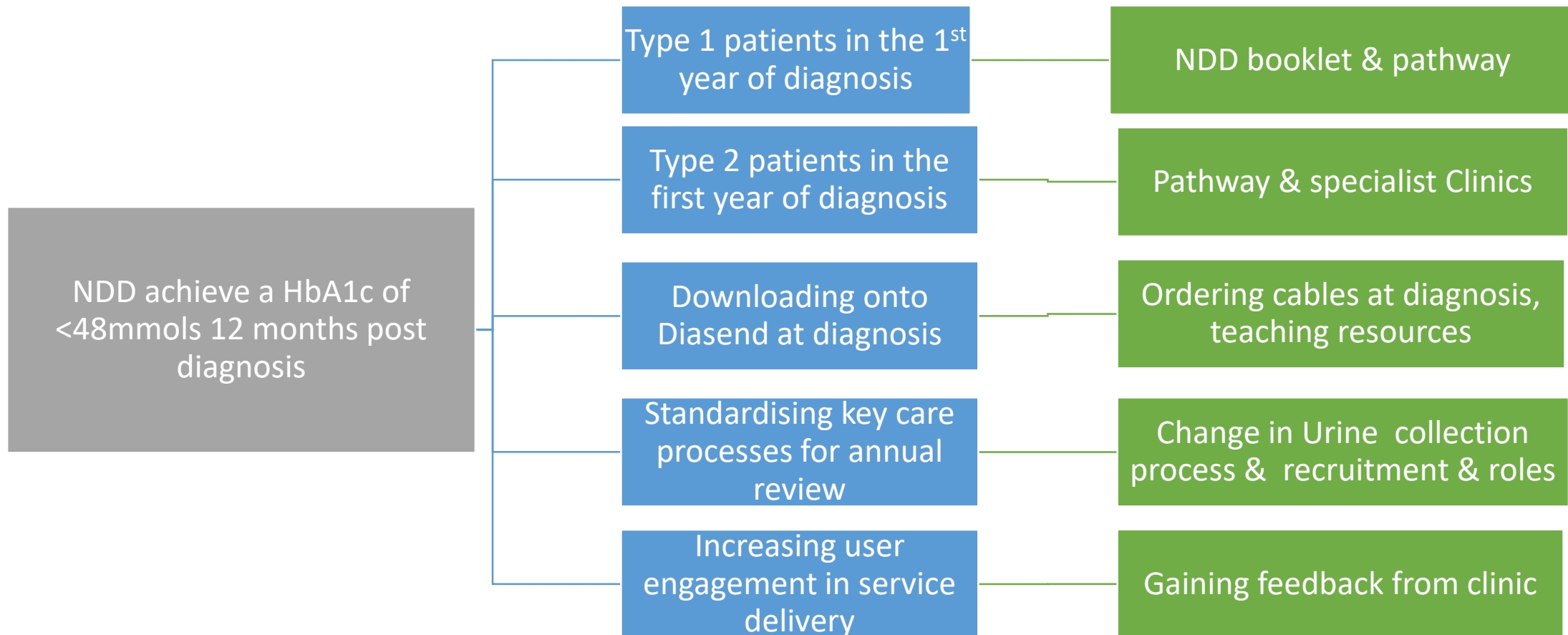
Elizabeth Nash, Susie Gordon-Jones

Administrators / Secretaries / Data Managers

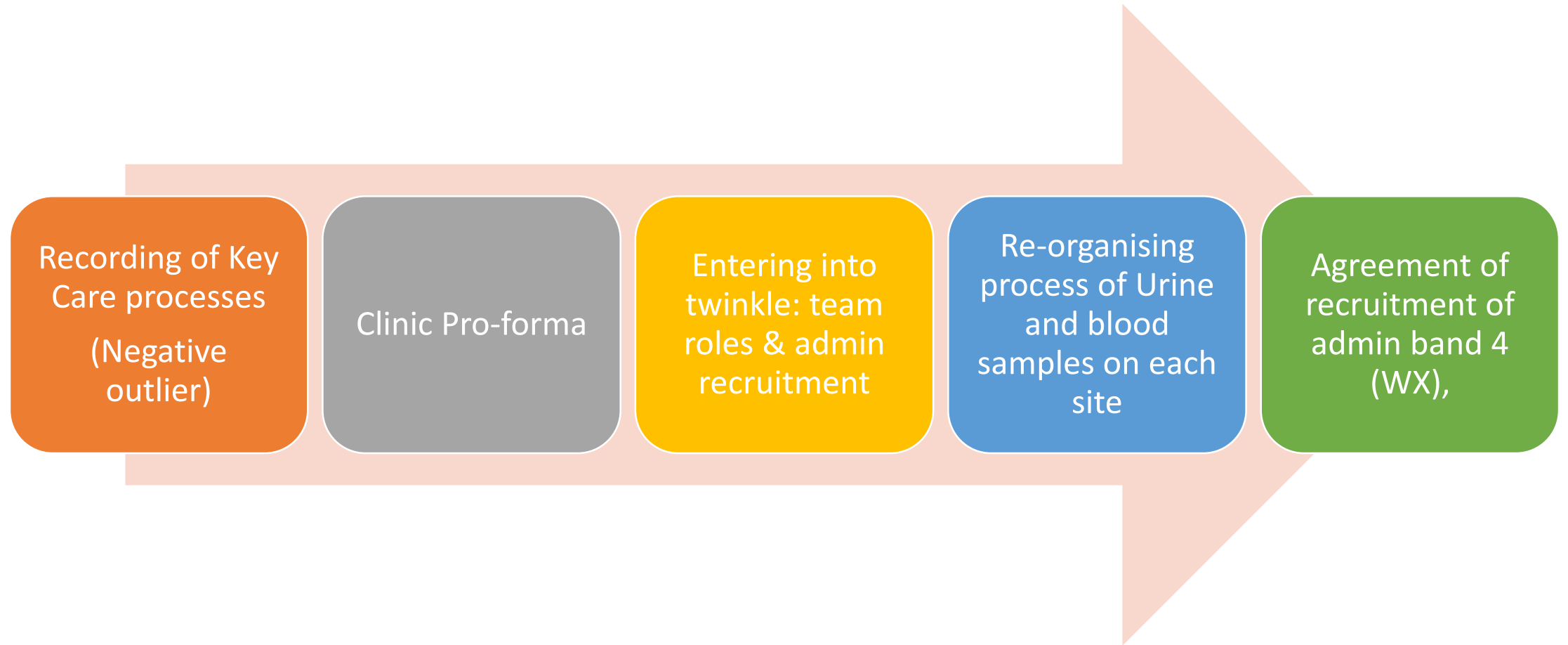
Yasmin Khatun, Maggie Murphy, Bianca Barnett,
Abdul Latif, WX admin (new)



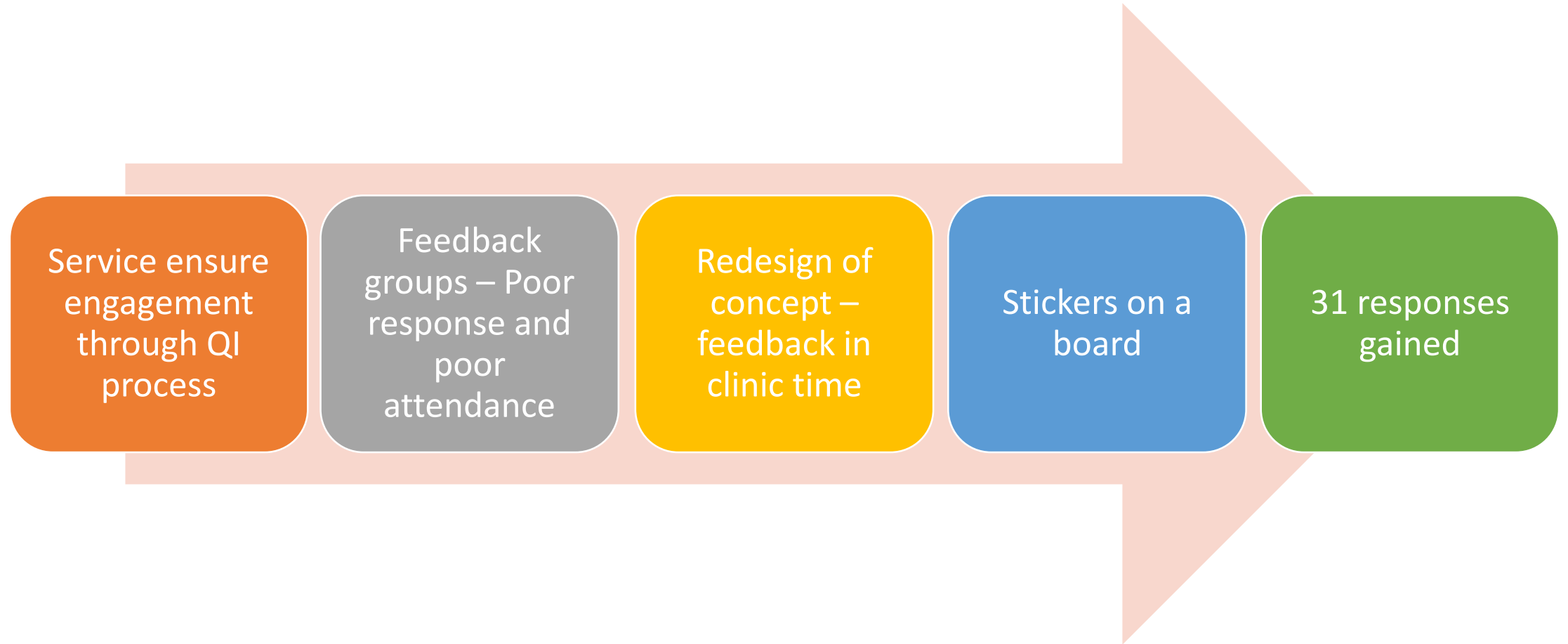
Our purpose and our areas of work



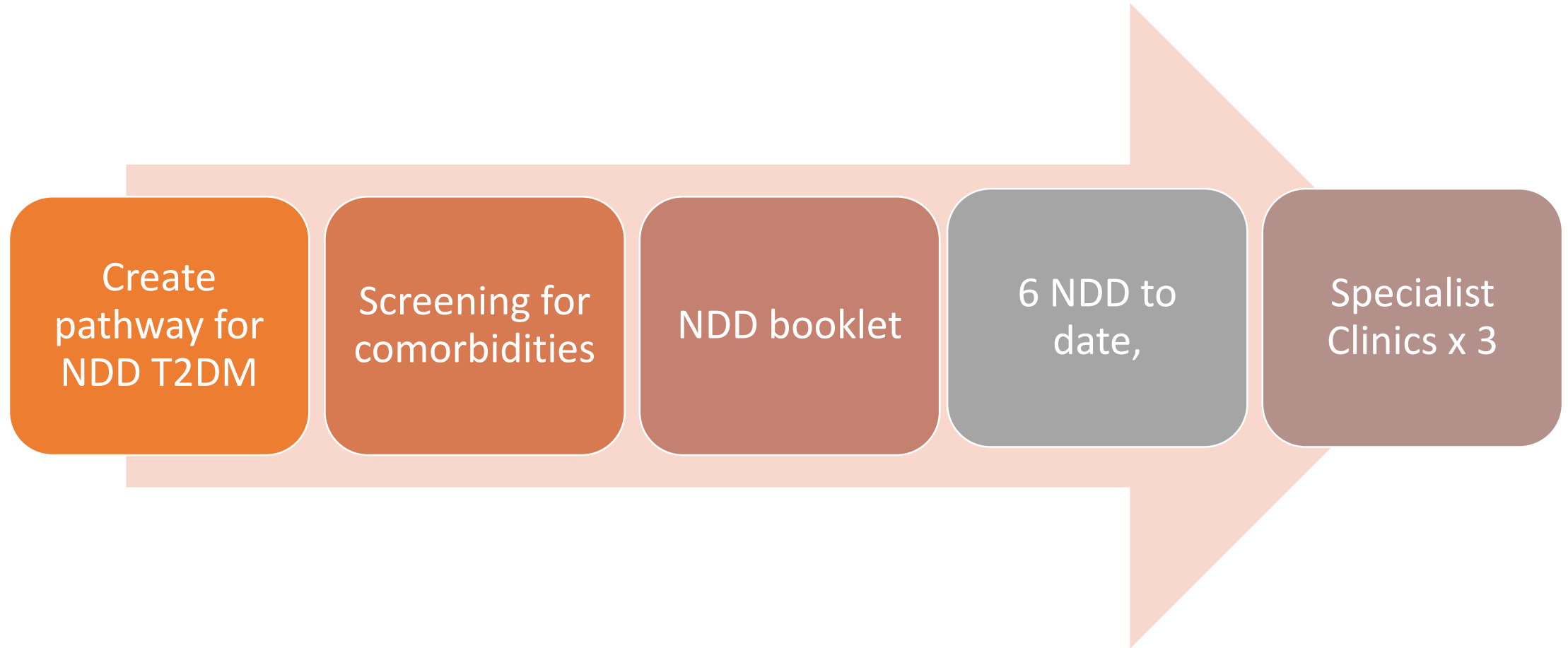
Our improvement journey- Annual Key Care processes



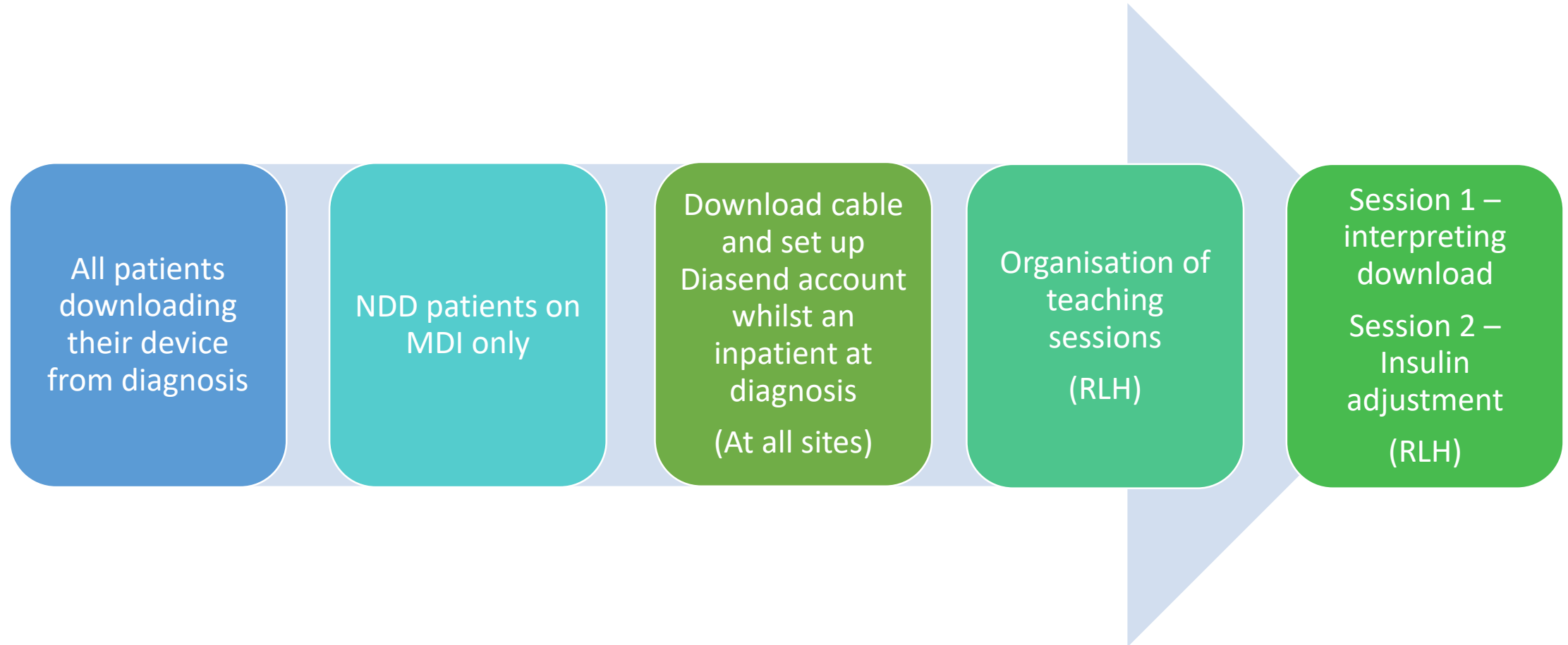
Our improvement journey- Service Engagement



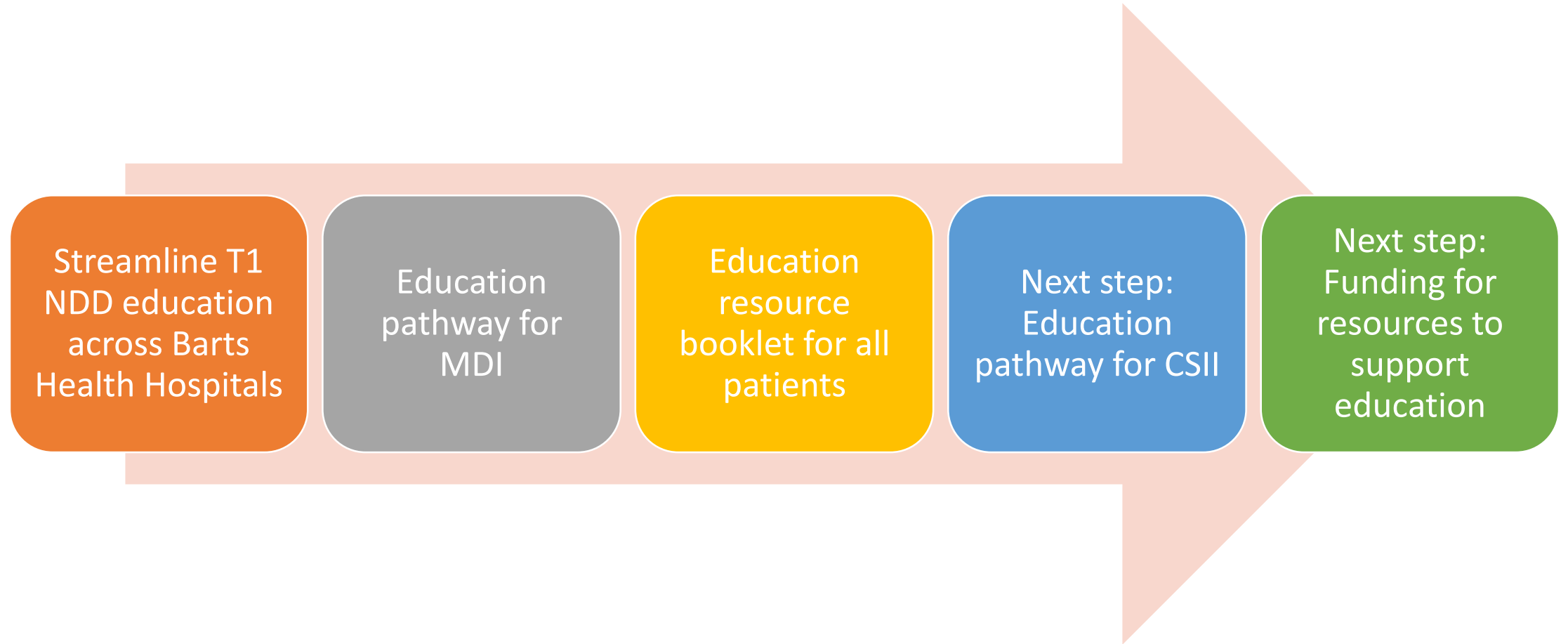
Our improvement journey- Type 2 Diabetes



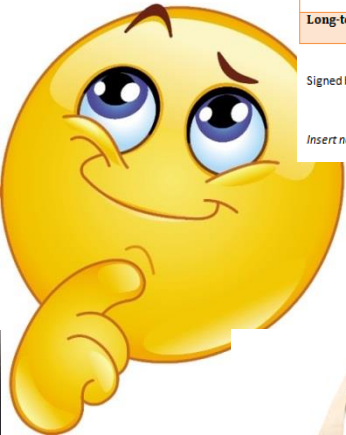
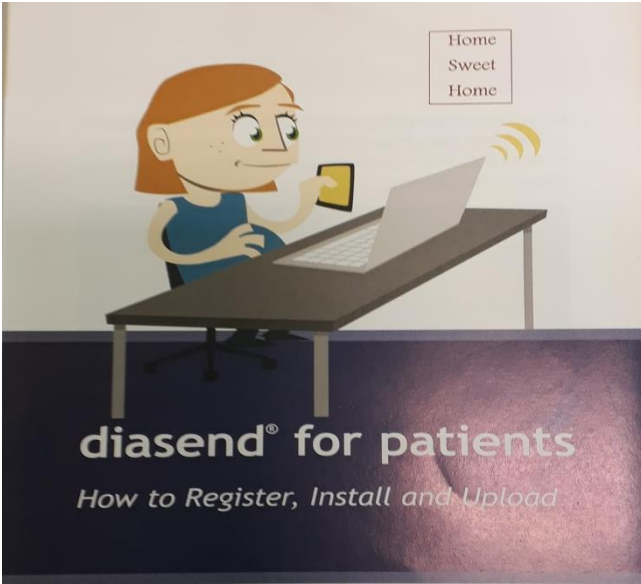
Our improvement journey- Download group



Our improvement journey- NDD



Before:



Checklist	
	Tick if done
Seen by the Paediatric Diabetes Consultant	
Seen by the Paediatric Diabetes Nurse Specialist	
Seen by the Paediatric Specialist Dietician	
Explained what is Diabetes	
Explained what is insulin therapy and how it works	
Explained about blood glucose testing using the meter	
Explained about the Honeymoon Period	
Explained about Hypoglycaemia and treatment	
Explained about Hyperglycaemia and Ketone testing	
Has a Ketone meter before discharge	
Taught Level-3 Carb Counting	
Psychology support explained	
Explained about MDT clinics and follow-up	
Received GP prescription and items	
Explained about sharps bins	
Contact School/ Nursery for visit	
Long-term Complication of diabetes explained	



Signed by the Paediatric Diabetes Specialist Nurse after completion/prior to discharge:

Insert name and signature :

Date:

Have your say!

Help us improve your diabetes health care. Complete our 5 minute survey - How are we doing? 2018-19

- Your clinic wants your views.
- We'd like to hear from you whether you're a patient or a parent/carer of a young person with diabetes.
- Are we getting it right? What can we improve?
- We will not ask you to enter any personal information.

Complete the survey via your mobile, tablet or computer for your chance to **WIN a £50 Amazon eGift voucher!**

<http://howarewedoing2018-19.co.uk>

Picker

RCPCH
Royal College of Paediatrics and Child Health
Leading the way in Children's Health

HQIP
Healthcare Quality Improvement Partnership

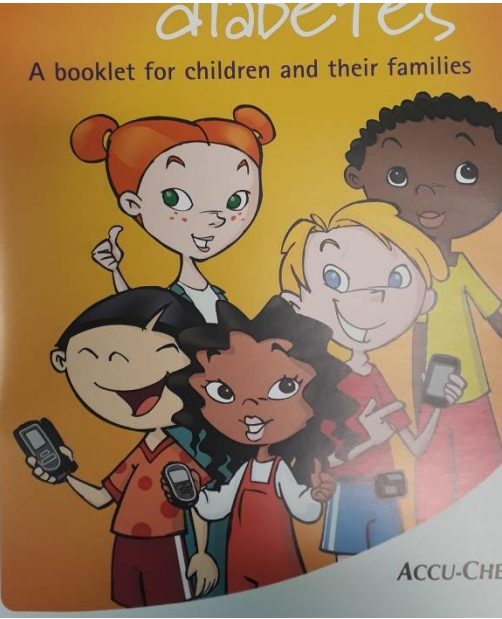
The National Paediatric Diabetes Audit is managed by the Royal College of Paediatrics and Child Health (RCPCH) at 11 Thistle Road, London, WC3N 8BN. Registered charity (in England and Wales) (507764) and in Scotland (SC538295).

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Email: npda@rcpch.ac.uk

Tel: NPDA team 0207 092 6137/6167

NPDA
National Paediatric Diabetes Audit



Now!

CYP Diabetes Clinic Proforma

Name: _____ Date: _____
MRN: _____ Age: _____

Diagnoses: DM – Type ☐ Coeliac Disease Hypothyroidism
Other: _____

Weight: _____Kg, Height: _____cm, BP: _____/_____
HbA1c: _____mmol/mol _____%

Date of Last Annual Review: _____

Annual Review: Yes / No _____ Date _____

Growth		TFTs, Coeliac, Lipids	
Pubertal Status		Urine ACR (>12yr)	
Flu Vaccine		Foot Examination	
Dental checks		Psychology screening	
Smoking status		Structured Education	
Sick day advice		Retinopathy screen	
Glucagon update		Annual dietetic review	

7 Key care Processes

BMI	BP	Eye Screening	Urine ACR	Foot Surveillance	TFT	HbA1c
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Insulin Regime: MDI/ CSII/ BD Oral Hypoglycaemics:

Lantus/ Levemir/ Tresiba	Dose: _____units am	_____units pm
Novorapid / Humalog		
Time Block		
Insulin Carb Ratio		
ISF		

Total basal:			Total daily dose:			Basal %	Bolus%
Time	Current	New	Time	Current	New		
00:00			12:00				
01:00			13:00				
02:00			14:00				
03:00			15:00				
04:00			16:00				
05:00			17:00				
06:00			18:00				
07:00			19:00				
08:00			20:00				
09:00			21:00				
10:00			22:00				
11:00			23:00				

Patient Care Indicators

ACR	22/01/2019	BMI	30/04/2019	Foot surveillance	22/01/2019	Eye screening	09/01/2018
HbA1c	30/04/2019	TSH	22/01/2019	Blood pressure	30/04/2019	All care processes	

Paediatric Episode Summary

Please vote by placing a sticker by your choice. Please use a sticker if you are a child or young person with diabetes. Please use a sticker if you are a parent or carer.

Would you want to come to a group run by the children's diabetes team?

YES ☒ MAYBE ☐ NO ☒

What kind of group would you want to come to?

Healthy Eating and Exercise

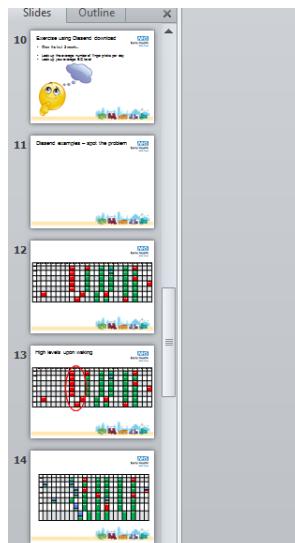
Teenage Support Group

Teen 2 Diabetes Group

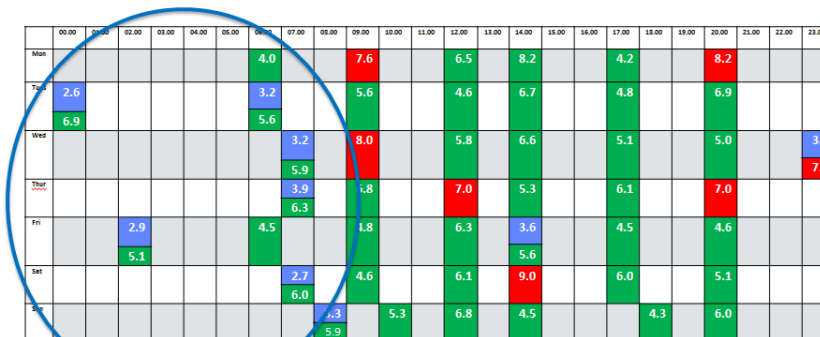
Support Group for Parents and Carers of Teenagers

Support Group for Parents and Carers of Young Children

Any other ideas for groups ...



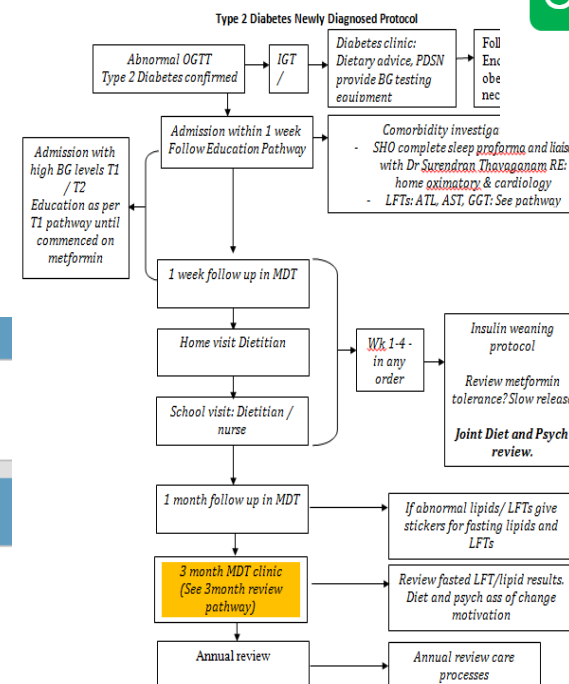
Low levels upon waking and in the night



Information for

Children and Young People

with diabetes



Data- the impact so far

	A	B	C	D	E	F	G	H	I	J
	Date	No. of annual review patients	Twinkle	TFT	Urine	Foot examination	BP	Eye Screening	BMI	HbA1c
1										
2	03/04/2019	2	100%	?	N/A	N/A	N/A	-	100%	100%
3	10/03/2019	1	100%	?	?	100%	100%	-	100%	100%
4	17/04/2019	5	100%	?	N/A	N/A	N/A	-	100%	100%
5	25/04/2019	1	100%	?	N/A	N/A	N/A	-	100%	100%
6	30/01/2019	2	100%	50%	100%	100%	50%	50%	50%	50%
7	06/02/2019	5	80%	75%	0	50%	100%	0	100%	100%

Please vote by placing a sticker by your choice. Please use an **orange** sticker if you are a child or young person with diabetes. Please use a **green** sticker if you are a parent or carer.

Would you want to come to a group run by the children's diabetes team?

YES ☒ NO ☒

What kind of group would you want to come to?

Healthy Living and Exercise
Diabetes Support Group
Type 2 Diabetes Group
Support Group for Parents and Carers of Children
Support Group for Parents and Carers of Young Children

Any other ideas for groups ...

Group for children to make their own healthy recipes and learn about healthy eating habits.

9d in sport-exercise club 2-9 15:00-16:00 (Sport exercise club eg. running club).

Exercise games

Group for friends or to inform about diabetes.

Data- the impact so far

NDD education:

- **10** patients started on pathway
- Inpatient education completed 100%
- Phone contact post d/c 90%
- Dietitian home visit 56%
- School visit 90%
- MDT OPA within 3/52 of discharge 62%

User Engagement:

Emails Sent Out: 471 / 590 emails

Total Replies Gained: 4 replies / 2 attended

Stickers on poster in clinic = 31 responses

Download at Diagnosis:

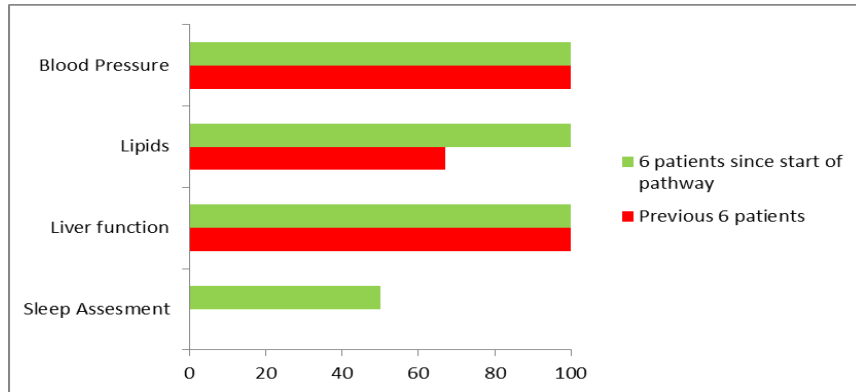
Total NDD: 12

Total NDD in project: 7

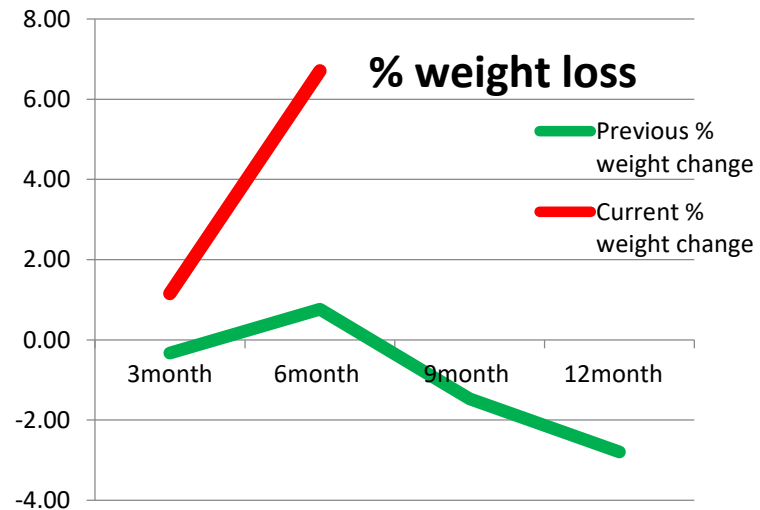
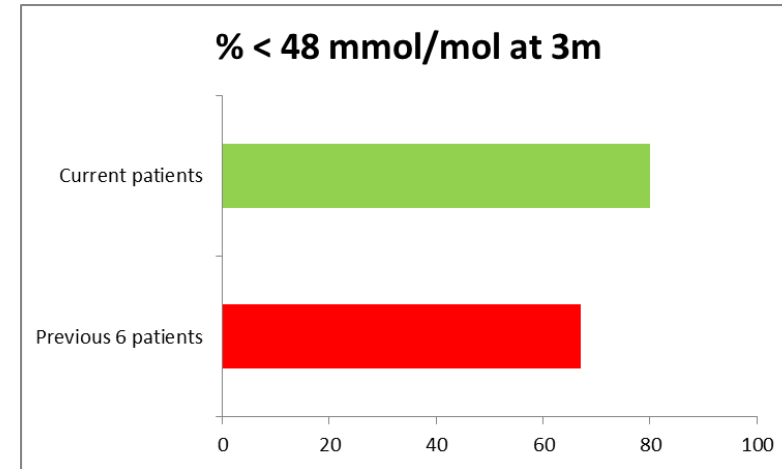
(85% have ordered DL cable and have Diasend account set up).

Implementation of T2 DM Pathway- achieving change

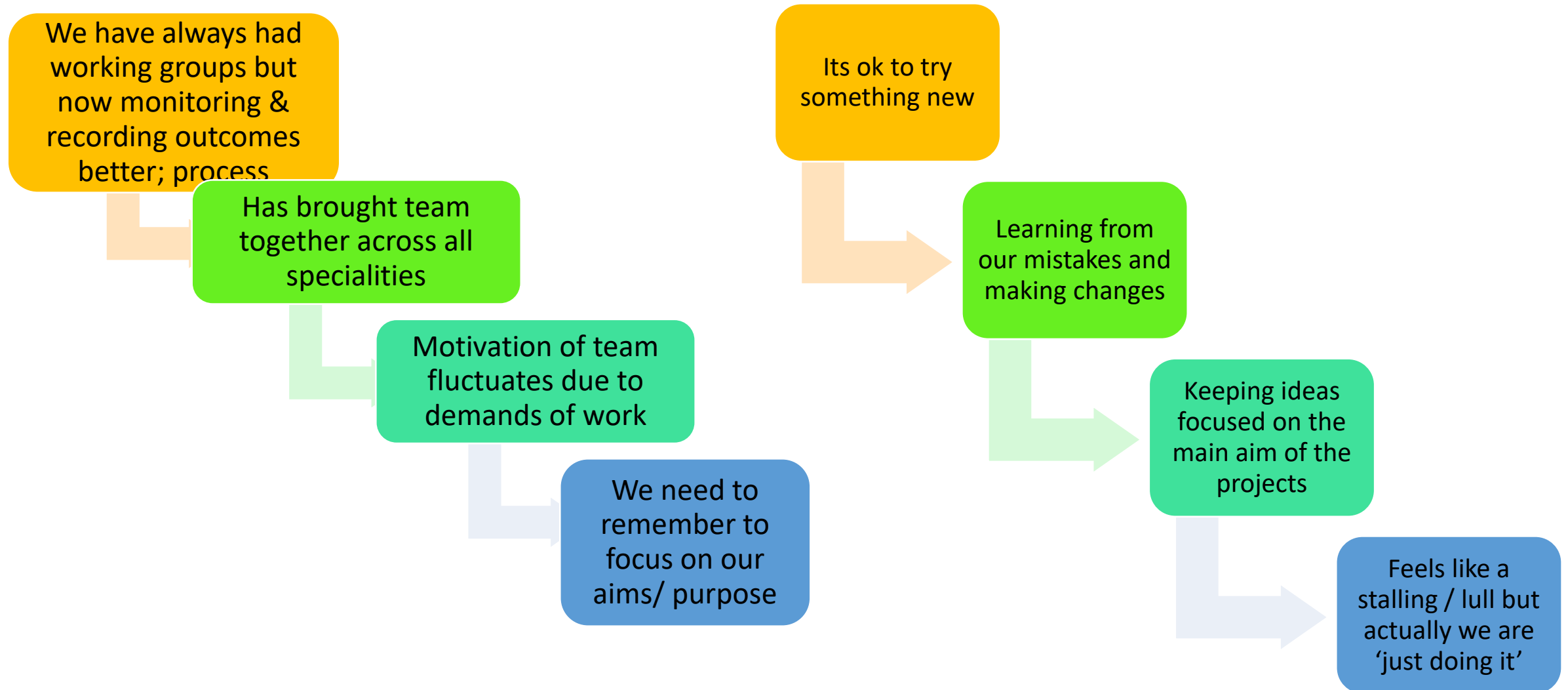
% Screened for co-morbidities at diagnosis



% < 48 mmol/mol at 3m



What have we learnt and how are we building that learning into our daily work



Barrier's that are bugging us

- Implementing across site
 - Differing of professional opinions
 - Balancing number of appointments we would like to give patients
 - Overall workload and service pressures
 - We have agreed to too much
 - Not up to date on all the work streams
- Accept that cross site working is a challenge
 - That we need to be able to roll out small, adjust and then roll out across other sites (PDSA)
 - Having the patience to observe changes in action and wait for results
 - Focusing on the aims so that amount of work does not become too large