SUPPLEMENTARY MATERIALS

Table 1 Case Report Forms and Data Collected

Case Report Form	Data Collected
	 Admission/discharge
2 & 3	 Additional tests
	 Insulin Regimen
	 Contacts with diabetes team
	 Insulin regime
4, 5 & 6	 Medical equipment
	 Contact with diabetes team
	 Hospital contacts
	 Contacts with other HCPs
	 Additional tests
7	 Insulin regime
	 Contact with diabetes team
	 Hospital contacts
	 Contacts with other HCPs
3.1, 4.1, 5.1, 6.1, 7.1	 Time off work/school
	 Travel expenses

Table 2 Unit costs for contact with healthcare professionals

Contact with Healthcare Professional	Unit Cost (£)	Source
Hospital based care		
Overnight stay in hospital (up to 5days)	894.00	NHS Reference
		Costs 2019/20
Overnight stay in hospital (exceeding 5days)	417.00	
Consultant ward visit	109.00	PSSRU 2019
Junior Doctor ward visit	29.00	
Nurse ward visit	47.00	
Dietitian ward visit	46.00	
Hospital Pharmacist	6.92	
Home based care		
Initial home visit	220.00	PSSRU 2019
Community Nurse home visit	55.00	
Community Nurse telephone calls & emails	12.25	
Practice Nurse clinic visit	6.45	
Practice Nurse telephone calls & emails	4.59	
Dietitian home visit	16.00	PSSRU 2010,2019
Dietitian telephone calls & emails	5.25	PSSRU 2019
GP home visit	85.00	
GP Surgery visit	39.23	
Telephone calls	17.00	
Consultant-led Outpatient attendance	205.00	
Non-Consultant-led outpatient attendance	155.00	

Table 3 Unit Costs of Contact with Health Care Professionals

Resource item	Details	Cost source	Unit Cost (£)
Hospital Based Care			
Overwinks store in Heavited	NHS Reference cost 2019/20 PK68C CC Score 0, cost of combined day case/ordinary elective spell.	а	894.00
Overnight stay in Hospital	Per day long stay payment (for days exceeding trim point of 5 days).	a	417.00
Consultant ward visit	Medical Consultant, hourly rate.	b	109.00
Junior Doctor ward visit	Foundation House Officer Year 1, hourly rate.	b	29.00
Nurse ward visit	Nurse team leader, hourly rate.	b	47.00
Dietitian ward visit	Hospital Dietitian, Average visit 1hour, hourly rate (Band 6).	b	46.00
Hospital Pharmacist	£45 per hour. Assumed length of consultation same as GP = 9.22minutes. = £6.92.	b	6.92
Home Based Care			
Initial home visit	Community Nurse, hourly rate £55.2 hourly visits. 2 x daily to supervise injections.	b	220.00
Community Nurse home visit	PSSRU 2019: Band 7 =£55.00 per hour.	b	55.00
Community Nurse telephone calls & emails			12.25
Practice Nurse clinic visit	Hourly rate £42 per hour. Assumed surgery length same as GPs = 9.22minutes.	b	6.45
Practice Nurse telephone calls & emails	Hourly rate £42 per hour. Average length of Nurse-led telephone triage = 6.56minutes.	b	4.59
Dietitian home visit No rates for Community Dietician. Community Occupational Therapist hourly rate = £48 per hour. No information for average length of visit. If assume 20minutes from PSSRU 2010 = £16.00.		b, c	16.00
Dietitian telephone calls & emails	Hourly rate £48.00. Assumed duration of 6.56minutes (same as Nurse telephone triage).	b	5.25

GP home visit	£255/hour of patient contact. Assuming duration of 20minutes.	b	85.00
GP Surgery visit	Cost per surgery consultation lasting 9.22minutes		39.23
Telephone calls	Average length of GP-led triage is 4minutes so x hourly rate of £255	b	17.00
Consultant-led Outpatient attendance	Paediatric Consultant-led Outpatient attendance.	b	205.00
Non-Consultant-led outpatient attendance	Paediatric non-consultant-led outpatient attendance.	b	155.00
Other Contact with Health Care F	Professionals		
Consultant Telephone Call	Hourly rate £109. Assumed duration of 6.56minutes (same as Nurse-led telephone triage).	b	11.92
Registrar ward visit			15.67
Clinical Psychologist	Clinical Psychologist Hourly rate.		54.00
CAMHS Nurse	MHS Nurse Hourly rate (Band 7 Nurse).		57.00
Speech and Language Therapist	Hourly rate (Band 6).	b	46.00
Physiotherapist	Scientific and professional staff. Hourly rate (Band 6).	b	45.00
Podiatrist	Hospital-based scientific and professional staff. Hourly rate (Band 6).	b	46.00
Family Advocate	Family Advocate Not rates for general family advocate. Advocacy for parents requiring learning disability support. Hourly rate.		31.00
Dentist	Hourly rate £104. Assumed duration same as GP = 9.22minutes.		15.98
steopath No rates for osteopath. Scientific and Professional Staff. Hourly rate (Band 5).		b	34.00
Phlebotomist	No rates for phlebotomist. Nurse (Band 4). Hourly rate £28. Assumed duration same as GP = £9.22.	b	4.30

Table 4 Unit costs for Insulin

Insulin	Details	Cost Source	Unit (£)	Cost
Mixtard 30	Discontinued on 31 Dec 2010. Previously available as 5 x prefilled 3ml <i>InnoLet</i> ® £19.87 (range 2-78 units).	d, e	19.87	
Novomix 30	5 x FlexPen 100units/ml suspension for injection 3ml pre-filled pen = £29.89.	е	29.89	
Humulin M3	5 x Humulin M3 KwikPen 100units/ml suspension for injection 3ml pre-filled pen (Eli Lilly and Company Ltd).	е	21.70	
Insulin Aspart (Novorapid)	5 x NovoRapid FlexTouch 100units/ml solution for injection 3ml pre-filled pen (Novo Nordisk Ltd) = £32.13.	е	32.13	
Insulin Lispro (Humalog)	5 x Humalog KwikPen 100units/ml solution for injection 3ml pre-filled pen (Eli Lilly and Company Ltd) = £29.46.	е	29.46	
Actrapid	Actrapid 100units/ml for injection 10ml vials (Novo Nordisk Ltd), 100 units per 1ml, net price 10mL vial = £7.48. Novopen devices no longer available so previous price of £26.86 used.	е	34.34	
Insulin Detemir (Levemir)	5 x Levemir InnotLet 100units/ml solution for injection 3ml pre-filled pen (Novo Nordisk Ltd) = £42	е	44.85	
Insulin Glargine (Lantus)	5 x Lantus 100units/ml solution for injection 3ml pre-filled SoloStar pen (Sanofi) = £37.77	е	37.77	
Isophane Insulin (Insulatard)	5 x Insulatard InnoLet 100units/ml suspension for injection 3ml pre-filled pen (Novo Nordisk Ltd) = £20.40 NHS	е	20.40	
Humalog Mix 25	Humalog Mix25 KwikPen 100units/ml suspension for injection 3ml pre-filled pen (Eli Lilly and Company Ltd) 5 x Insulin lispro 75 unit per 1 ml and Insulin lispro 25 unit per 1 ml = £30.98	е	30.98	
Humalog Mix 50	Humalog Mix50 KwikPen 100units/ml suspension for injection 3ml pre-filled pen (Eli Lilly and Company Ltd) 5 x Insulin lispro 50 unit per 1 ml = £30.98	е	30.98	
Humulin I	Humulin I KwikPen 100units/ml suspension for injection 3ml pre-filled pen (Eli Lilly and Company Ltd) 5 x Insulin human (as Insulin isophane humane) 100 unit per ml = £21.70	е	21.70	

Table 5 Unit costs for tests and investigations

Test and	Details	Cost	Unit	Cost
Investigations		Source	(£)	
Blood Gas		f	4.86	
Thyroid Function		f	3.02	
Anti TTG	Anti-tissue Transglutaminase Antibodies test	f	12.35	
IgA P	Immunoglobulin A test	f	4.62	
Islet cell Antibodies	Islet Antigen 2 Antibody	f	23.16	
GAD Antibodies	Glutamic Acid Decarboxylase Autoantibodies test (Send away)	f, g	22.06	
U&E	Urea and Electrolytes	f	3.92	
Chest X ray		i	11.00	
LFT	Liver Function Test	f	4.76	
FBC	Full Blood Count	f	4.23	
Urine culture		f	13.60	
lanti tpo	Thyroid peroxidase IgG Ab	f	3.21	
APTT	Activated Partial Thromboplastin Time test	f	3.52	
C Peptide		f	22.50	
Coeliac Screen	IgA Tissue Transglutaminase antibody	f	12.35	
CRP	C-Reactive Protein	f	3.21	
ECG	Electrocardiogram	g	9.56	
Ferritin		f	4.71	
HBA1C		f	2.42	
ICCP	Anti-MCV Antibodies	f	6.96	
Lipid Profile		f	3.92	
MRSA	Methicillin-resistant Staphylococcus aureus test	f	18.52	
Pancreatic Cabs	Anti-GAD	f	N/A	
Plasma Osmolality		f	6.16	
Thyroid Antibodies		f	3.21	
Amylase		f	1.35	

Anti TPO	Anti-thyroid peroxidase test	f	3.21
Bilirubin	Total	f	1.35
Glucose		f	1.35
Magnesium		f	1.35
	Blood culture	h	7.33
	Insulin	h	2.25
	Sickle cell	h	8.28
	Urine ketones	h	3.21
	Viral titres	h	11.59
	3 Hydroxybutyrate	h	3.76
Others	X TRT	h	4.50
	Serum Chloride	h	1.44
	Lactate	h	1.44
	Bone profile	h	5.11
	Blood film	h	6.48
	Urine dip	h	3.50
	Rheumatoid Factor	h	8.43
Blood glucose testing strips	Based on average cost of strips (£696.96 / 64 = £10.89)	е	10.89
Blood glucose testing	Betacheck C50 casette: 100 device = £29.98	е	9.99
cassette	Mobile cassette: 50 device = £9.99 (Assumed 50 strips unless stated)		
Urine ketone testing strips	Based on average cost (2.25+3.06/2 = £2.66).	е	2.66
Blood ketone testing	Deced on average part of leatons testing string	е	16.95
strips	Based on average cost of ketone testing strips.		
Lancets (pack of 100)	Based on average cost of pack of 100.	j	3.93
Lancets (pack of 204)	FastClix (Roche Diabetes Care Ltd.)	j	5.90
Hypostop/glucogel	GlucoGel 40% gel original (BBI Healthcare Ltd): Glucose 400mg per 1g - 75gram = £7.16	е	7.16
Glucagon	Glucagon hydrochloride 1mg: 1 vial = £11.52	е	11.52
Insulin needles	Pack of 100 Safety needles 0.3ml or 0.5ml syringe and needle = £13.34	j	13.34
Insulin pens	Based on average cost of insulin pens.	е	19.35

Sharps bin	Sharpsafe 1L = £0.85.	j	0.85	Ì
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References:

- a) NHS Improvement and NHS England. Annex A: The national tariff workbook. 2020 [Accessed 10/03/2020]. Available from: https://improvement.nhs.uk/resources/national-tariff/
- b) Curtis, Lesley A. and Burns, Amanda (2019) Unit Costs of Health and Social Care 2019. Unit Costs of Health and Social Care. PSSRU, Kent, UK, 176 pp. ISBN 978-1-911353-10-2. https://kar.kent.ac.uk/79286/1/UCFinalFeb20.pdf
- c) Curtis L. Unit Costs of Health and Social Care 2010. University of Kent, Canterbury: Personal Social Services Research Unit; 2010. https://www.pssru.ac.uk/pub/uc/uc2010/uc2010_s10.pdf
- d) Barton, J & Saunders J (2010) Discontinuation of Mixtard® 30 Insulin Products, Aneurin Bevan Health Board (August 2010) [Accessed: 10/03/2020]. Available from: http://www.wales.nhs.uk/sites3/docopen.cfm?orgid=814&id=161224)
- e) NICE. BNF for Children: British National Formulary. NICE; 2020 [accessed 10/03/2020]. Available from: https://bnfc.nice.org.uk/
- f) Cardiff and Vale University Health Board, Biochemistry and Immunology Dept, University Hospital of Wales. (Personal communication).
- g) (Inflated)* NICE. Appendix M: Routine preoperative tests for elective surgery. Centre NCG; 2015 [accessed 10/03/2020]. Available from: https://www.nice.org.uk/guidance/ng45/history/
- h) (Inflated)* from previous cost supplied by 2012 Cwm Taf Health Board
- i) Personal communication with Swansea Bay Health Board
- j) NHS. NHS Electronic Drug Tariff. NHS Business Services Authority; 2020. http://www.drugtariff.nhsbsa.nhs.uk/#/00774110-DC/DC00773743#d2e9682/Part%20IXA-Appliances

Table 6 Unit costs for patient/carer borne costs

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^{*}Costs inflated using the CCEMG-EPPI-Centre Cost Converter. Available at: http://eppi.ioe.ac.uk/costconversion/default.aspx

Resource item	Details	Cost	Unit cost (£)
		source	
Time off work	Median weekly earnings £585 April 2019	а	117.00
	Daily wage (£585 divided by 5 = £117)		
Time off school	Total annual spending per pupil of £5,872; Divided by the number of school days in a year	b	30.11
	(195) = a cost of £30.11 per day missed		
Travelling by car	AA Mileage calculator used to calculate miles travelled in 1 hour = 48.9miles.	c, d, e	5.44
	Average price per mileage = £1.238.		
	Average miles per gallon = 50.5mpg.		
	= £5.44 per hour		
Travelling by bus	Captured by OOP£		
Travelling by train	Captured by OOP£		
Travelling by taxi	Captured by OOP£		

References:

- a) Office for National Statistics. Employee earnings in the UK. Office for National Statistics –; 2019 [accessed 10/03/2020]. Available from: https://www.ons.gov.uk/employmentandlabourmarket/peopleinwork/earningsandworkinghours/bulletins/annualsurveyofhoursandearnings/2019
- b) Belfield, C. F., C. Sibieta, L. 2018. Annual Report on Education Spending in England. In: Payne, J. ed. London: The Institute for Fiscal Studies. (2018-2019 prices).
- c) Automobile Association Developments Ltd. 2018. Mileage calculator. AA. [Accessed: 29/03/2020]. Available at: https://www.theaa.com/driving/mileage-calculator.jsp
- d) data.gov.uk. 2020. Petrol and diesel prices. Department for Business, Energy and Industrial Strategy. [Accessed: 29/03/2020]. Available at: https://data.gov.uk/dataset/c174a981-b0f2-4b39-adc0-1d0a27a7d8c9/petrol-and-diesel-prices
- e) RAC Foundation. 2020. FAQs about road transport and the environment. London. [Accessed: 29/03/2020]. Available at: https://www.racfoundation.org/motoring-fags/environment

Table 7 Other Hospital Contacts

Resource item	Notes	Cost data source	Unit cost used (£)
A&E	Cost per A&E attendance.	a	166.20
	Inflated from £160.		
ITU	Paediatric ICU, basic critical care average cost	b	1,389.00
HTU	Paediatric HDU, basic critical care average cost	b	780.00
Other ward	PK68C CC Score 0, cost of combined day case/ordinary elective spell.	С	894.00
Ambulance call out	See and treat and convey	b	258.00

References:

- a) NHS Improvement. 2017/18 reference costs and guidance. 2018 [accessed 03/05/2020]. Available from: https://improvement.nhs.uk/resources/reference-costs/
- b) Curtis LAB, Amanda. Unit Costs of Health and Social Care 2019. Unit Costs of Health and Social Care. Kent, UK: PSSRU; 2019. p. 176.
- c) NHS Improvement and NHS England. Annex A: The national tariff workbook. 2020 [accessed 10/03/2020]. Available from: https://improvement.nhs.uk/resources/national-tariff/

Table 8 Total Costs

	Arm		
	Home management (n=98), mean (95% CI) (£) (95% CI) (£) (95% CI) (£)		Difference between Home and Hospital, mean (95% CI) (£)
Direct Healthcare Costs Days 0-3	1163 (1079 to 1248)	3386 (3261 to 3511)	-2223 (-2373 to -2072)
Direct Healthcare Costs 24months	5287 (4864 to 5709)	5282 (4883 to 5680)	5 (-584 to 594)
TOTAL Direct Healthcare Costs	6450 (6004 to 6897)	8668 (8255 to 9080)	-2217 (-2825 to -1609)
Patient/carer Costs Days 0-3	331 (280 to 383)	352 (292 to 412)	-21 (-101 to 59)
Patient/carer Costs 24months	1420 (1134 to 1705)	1737 (1207 to 2267)	-317 (-916 to 281)
TOTAL Patient/carer Costs	1751 (1448 to 2054)	2089 (1547 to 2631)	-338 (-963 to 286)
TOTAL Healthcare + Patient/carer	8201 (7585 to 8817)	10757 (10050 to 11463)	-2556 (-3494 to -1618)
Costs			

Table 9 DIRECT COSTS (NHS): Initiation Period (Days 0-3)

Variable	Arm	Observed Coef.(£)	Bootstrap Std.	z (£)	P> z	Normal-based [95% CI] (£)	
			Error.(£)				
Contact with	Home	974	43	23	0.000	889	1059
Diabetes Team	Hospital	720	32	23	0.000	658	782
	Difference	254	55	5	0.000	147	361
Other Health	Home	0	0	1	0.322	-0	0
Professionals	Hospital	1	1	1	0.202	-1	4
	Difference	-1	1	-1	0.219	-4	1
Tests and	Home	55	3	18	0.000	49	61
Investigations	Hospital	62	3	21	0.000	56	67
	Difference	-7	4	-2	0.103	-15	1
Hospital Stay	Home	0	-	-	-	-	-
	Hospital	2583	61	43	0.000	2464	2702
	Difference	-2583	61	-42	0.000	-2702	-2463
Nurse Travel	Home	133	13	10	0.000	107	159
	Hospital	18	5	3	0.001	8	28
	Difference	115	14	8	0.000	86	143
Dietician Travel	Home	3	1	3	0.001	1	5
	Hospital	1	1	1	0.314	-1	2
	Difference	2	1	2	0.038	0	4.655081
Total Cost Days	Home	1163	43	27	0.000	1079	1248
0-3	Hospital	3386	64	53	0.000	3261	3511
	Difference	-2223	77	-29	0.000	-2373	-2072

Table 10: DIRECT COSTS (NHS): Follow-up period (24months)

Variable	Arm	Observed Coef.(£)	Bootstrap Std.	z (£)	P> z	Normal-based	[95% CI] (£)	
			Error.(£)					
Equipment	Home	1745	91	19	0.000	1567	1924	
	Hospital	1714	87	20	0.000	1544	1883	
	Difference	31	127	0	0.805	-218	281	
Insulin	Home	457	28	16	0.000	402	512	
	Hospital	446	25	18	0.000	397	495	
	Difference	11	38	0	0.770	-63	85	
Tests and	Home	8	1	6	0.000	5	11	
Investigations	Hospital	8	1	6	0.000	6	11	
	Difference	-1	2	-0	0.968	-4	4	
Contact with	Home	584	42	14	0.000	502	667	
Diabetes Team	Hospital	625	43	15	0.000	541	709	
(Other)	Difference	-41	61	-1	0.503	-160	79	
Outpatient	Home	1400	28	49	0.000	1344	1455	
contacts	Hospital	1392	26	54	0.000	1341	1443	
	Difference	8	38	0	0.837	-67	83	
Other health	Home	195	23	8	0.000	149	241	
professional	Hospital	236	30	8	0.000	177	295	
visits	Difference	-41	38	-1	-0.276	-115	33	
Hospital	Home	897	167	5	0.000	569	1225	
contacts	Hospital	860	157	5	0.000	553	1167	
	Difference	37	230	0	0.872	-413	487	
Contact with	Home	1984	55	36	0.000	1876	2092	
diabetes team	Hospital	2017	52	39	0.000	1915	2119	
	Difference	-33	76	-0	0.666	-182	116	
Total Cost of	Home	5288	216	25	0.000	4864	5709	
Follow-up	Hospital	5282	203	26	0.000	4883	5680	
	Difference	5	300	0	0.986	-584	594	

Table 11: INDIRECT COSTS (patient/carer): Initiation period (days 0-3)

Variable	Arm	Observed Coef.(£)	Bootstrap Std.	z (£)	P> z	Normal-based	ed [95% CI] (£)	
			Error.(£)					
Days off work	Home	250	24	10	0.000	203	297	
	Hospital	256	28	9	0.000	201	310	
	Difference	-5	37	-0	0.885	-77	66	
Travel	Home	11	1	14	0.000	9	12	
	Hospital	18	1	13	0.000	15	21	
	Difference	-8	2	-5	0.000	-11	-4	
Out of pocket	Home	8	1	10	0.000	7	10	
expenses	Hospital	spital 22 3		8	0.000	17	27	
	Difference	-14	3	-5	0.000	-19	-8	
Days off school	Home	65	5	14	0.000	56	75	
	Hospital	57	5	11	0.000	47	67	
	Difference	8	7	1	0.230	-5	22	
Total Cost Days	Home	331	26	13	0.000	280	383	
0-3	Hospital 352 31		31	11	0.000	292	412	
	Difference	-21	41	-1	0.607	-101	59	

Table 12: INDIRECT COSTS (patient/carer): Follow-up period (24months)

Variable	Arm	Observed Coef.(£)	Bootstrap Std.	z (£)	P> z	Normal-based	ased [95% CI] (£)	
			Error.(£)					
Days off work	Home	869	132	7	0.000	609	1128	
	Hospital	1180	256	5	0.000	679	1681	
	Difference	-312	285	-1	0.274	-871	247	
Travel	Home	63	4	17	0.000	56	71	
	Hospital	61	6	10	0.000	49	72	
	Difference	3	7	0	0.692	-11	17	
Out of pocket	Home	44	6	7	0.000	32	56	
expenses	Hospital	42	6	7	0.000	30	54	
	Difference	2	9	0	0.782	-15	20	
Days off school	Home	443	41	11	0.000	363	523	
	Hospital	454	54	8	0.000	349	559	
	Difference	-11	68	-0	0.873	-143	122	
Total Costs of	Home	1420	146	10	0.000	1134	1705	
Follow-up	Hospital	1737	270	6	0.000	1207	2267	
	Difference	-317	305	-1	0.299	-916	281	

Table 13: Total Costs

Variable	Arm	Observed Coef.(£)	Bootstrap Std.	z (£)	P> z	Normal-based	sed [95% CI] (£)	
			Error.(£)					
Patient/carer	Home	1751	155	11	0.000	1448	2054	
Total Cost	Hospital	2089	277	8	0.000	1547	2631	
	Difference	-338	319	-1	0.288	-963	286	
Direct	Home	6450	228	28	0.000	6004	6897	
Healthcare	Hospital	8868	210	41	0.000	8255	9080	
Total Cost	Difference	-2217	310	-7	0.000	-2825	-1609	
Total	Home	8201	314	26	0.000	7585	8817	
Healthcare +	Hospital	10757	360	30	0.000	10050	11463	
Patient/carer	Difference	-2556	479	-5	0.000	-3494	-1618	

Table 14 Cost Consequences Analysis (CCA)

	Arm					
Costs and Consequences	N	Home management, mean (95% CI/SD) (£)	N	Hospital management, mean (95% CI/SD) (£)	Difference between Home and Hospital, mean (95% CI) (£)	P value
Costs Impact						
TOTAL Direct Healthcare Costs	98	£6450 (£6004 to £6897)	95	£8668 (£8255 to £9080)	-£2217 (-£2825 to -£1609)	<0.05
TOTAL Patient/Carer Costs	98	£1751 (£1448 to £2054)	95	£2089 (£1547 to £2631)	-£338 (-£963 to £286)	0.288
TOTAL NHS + Patient/Carer Costs	98	£8201 (£7585 to £8817)	95	£10757 (£10050 to 11463)	-£2556 (-£3494 to -£1618)	<0.05
Health Impact						
HbA1c 24months (mmol/mol)*	98	72.1 (SD = 21.7)	95	72.6 (SD = 21.9)	1.01 (0.93 to 1.09)	0.863
Physical Impact						
Physical well-being at 1month**	68	63.0 (SD = 20.38)	62	70.4 (SD = 19.07)	-7.5 (-14.3 to -0.6)	0.033
Physical well-being at 24months**	62	70.0 (SD = 17.64)	58	71.0 (SD = 15.90)	-1.0 (-7.1 to 5.1)	0.741
Symptoms at 1 month***	69	60.2 (SD = 14.23)	62	62.3 (SD = 13.09)	-2.1 (-6.8 to 2.6)	0.384
Symptoms at 24months***	62	62.0 (SD = 12.56)	58	63.3 (SD = 14.11)	-1.2 (-5.9 to 3.6)	0.633
Psychological Impact						
Worry at 1month***	68	72.7 (SD = 24.26)	63	74.7 (SD = 22.94)	-2.1 (-10.2 to 6.1)	0.616

Worry at 24months***	62	73.3 (SD = 20.75)	58	71.1 (SD = 23.74)	2.1 (-5.9 to 10.2)	0.601
Emotional wellbeing at 1month**	68	75.5 (SD = 17.98)	61	77.6 (SD = 15.31)	-2.2 (-8.0 to 3.7)	0.464
Emotional wellbeing at 24months**	62	76.6 (SD = 18.18)	58	78.6 (SD = 12.35)	-2.0 (-7.7 to 3.6)	0.482
Self-esteem at 1month**	68	53.9 (SD = 24.19)	61	64.1 (SD = 21.22)	-10.4 (-18.3 to -2.4)	0.011
Self-esteem at 24months**	62	63.4 (SD = 19.92)	58	56.1 (SD = 18.71)	7.2 (0.2 to 14.2)	0.043
Social Impact						
Communication at 1month***	68	72.9 (SD = 28.01)	63	81.3 (SD = 18.25)	-8.4 (-16.7 to -0.2)	0.045
Communication at 24months***	62	72.8 (SD = 25.83)	58	78.2 (SD = 21.22)	-5.5 (-14.0 to 3.0)	0.200
Family at 1month**	69	76.0 (SD = 17.61)	61	79.7 (SD = 18.10)	-3.7 (-9.9 to 2.5)	0.242
Family at 24months**	61	79.3 (SD = 17.81)	58	77.9 (SD = 19.15)	1.5 (-5.1 to 8.2)	0.507
Friends at 1month**	69	79.3 (SD = 14.62)	60	78.6 (SD = 16.33)	0.5 (-4.8 to 5.9)	0.849
Friends at 24months**	60	79.5 (SD = 17.03)	58	77.4 (SD = 16.81)	2.1 (-4.1 to 8.2)	0.507
School at 1month**	65	67.0 (SD = 21.92)	60	68.1 (SD = 18.65)	-1.1 (-8.3 to 6.1)	0.763
School at 24months**	60	65.9 (SD = 17.32)	57	61.5 (SD = 18.14)	4.6 (-1.9 to 11.0)	0.163

^{*}Controlled for HbA1c at baseline. **KINDL-R – parent answers about child; higher score is better. ***PedsQL 3.0 Diabetes Module – parent answers about child.