



DAFNE research database

Peter Mansell for
DAFNE Research Group

DAFNE Database Study

- 10 larger well-established centres
- Extended dataset collected at baseline and annually
 - Database manager (0.5 WTE)
 - 4 hrs/wk clerical time per centre
- NRES approval
- Consent
- Central database. Web data entry.
- Pseudo-anonymised data storage

- Testing possibility of running a research database with modest resource input

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Patient numbers

Year	Possible	Baseline	Follow-up (incomplete)
2009	668	594 89%	430 72%
2010	627	533 85%	

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Data	Baseline	Annual follow-up
Demographics	√	
Biomedical	√	√
Insulin regimen	√	√
Hypoglycaemia	√	√
Complications	√	√
Inpatient and outpatient events	√	√
Questionnaires	√	√
Self-management questionnaire		√

Questionnaires - HADS, PAID, DSQoL, SF-12, EQ-5D

Self-management
questionnaire

Biomedical

Insulin regimen,
doses

Inpatient
and
outpatient
events

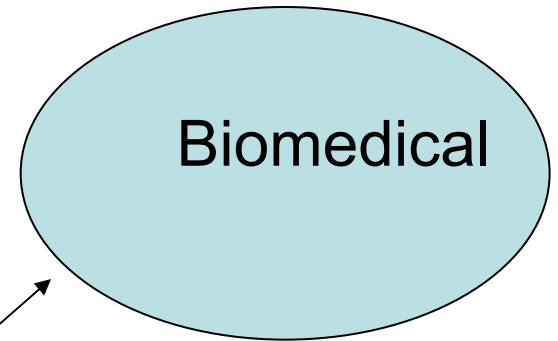
Demographics

Complications

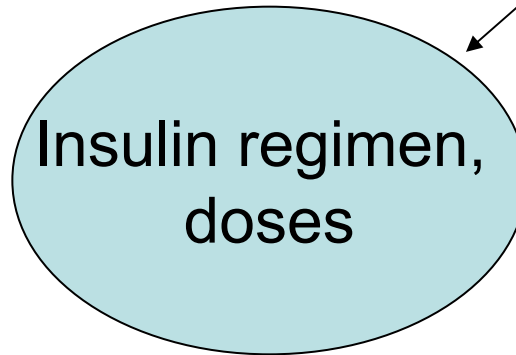
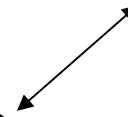
HADS, PAID,
DSQoL, SF-12,
EQ-5D

Hypoglycaemia

Self-management
questionnaire



Biomedical



Insulin regimen,
doses

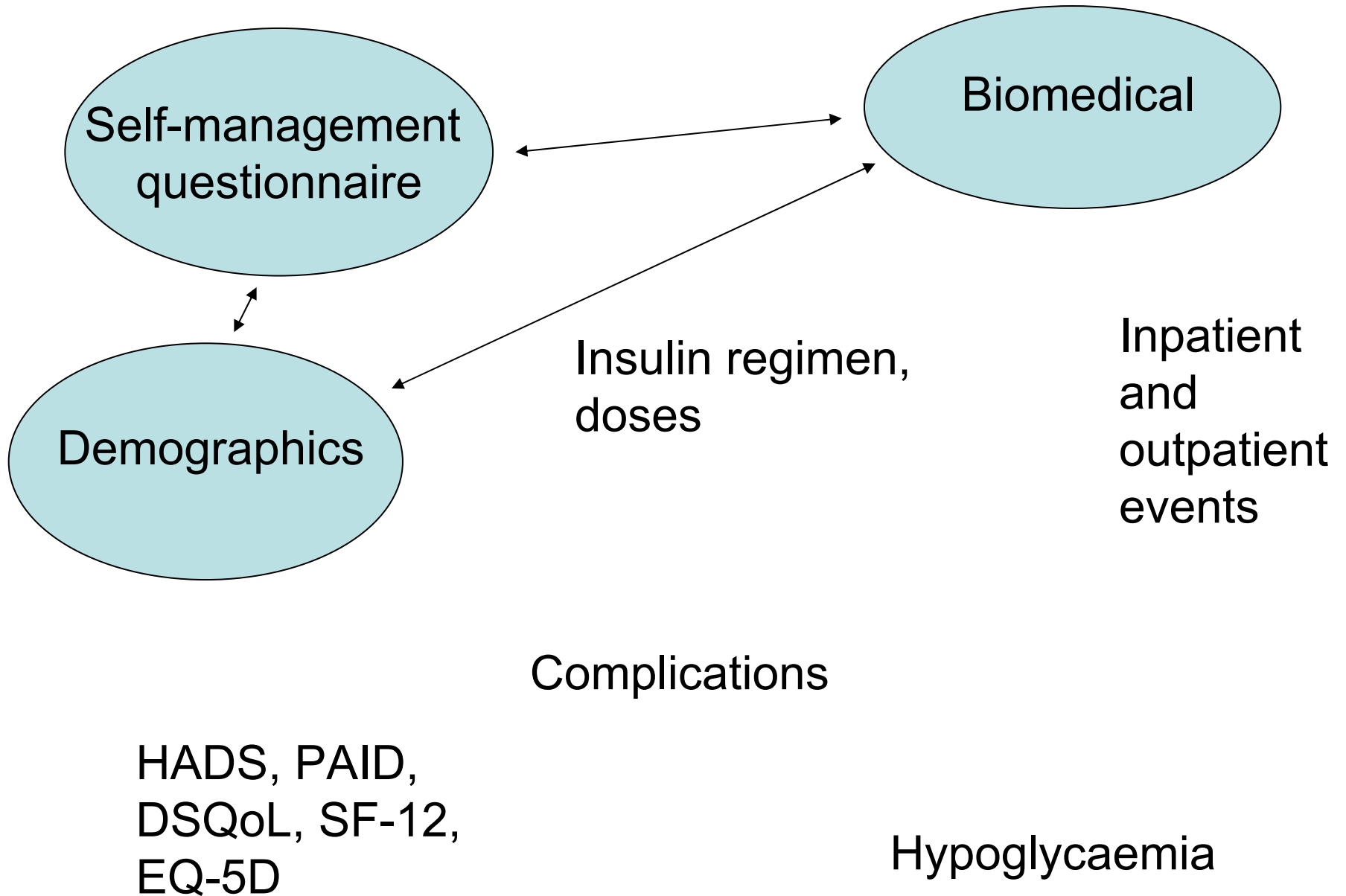
Inpatient
and
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events

Demographics

Complications

HADS, PAID,
DSQoL, SF-12,
EQ-5D

Hypoglycaemia



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Planned Analyses

- Biomedical outcomes
- Hypoglycaemia
- Questionnaires (HADS, PAID etc) and outcomes
- Different insulins and outcomes
- Outcomes by Centre/Educator
- Self Management Questionnaire
- Pump users
- Duration of diabetes and outcomes
- Health economics

- Others (not stand alone)
 - Drop-outs/follow-up
 - Pregnancy outcomes
 - International comparisons

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- 'Open' facility
- Possible to join certain working parties
- Other new ideas welcome
- Process for agreeing studies/data release

- Further Information
 - Oral. Friday 1 April 10.15. Education session.
 - Poster 277
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