

Table of contents

Preface and acknowledgements	3
Table of contents	4
List of publications.....	6
Contribution to the papers.....	7
Abbreviations	8
1. Introduction.....	9
1.1 General background	9
1.2 Dietary assessment among infants and young children.....	9
1.2.1 Doubly labelled water (DLW) technique	11
1.3 Types of study	12
1.4 Infant diet	13
1.5 Iron	13
2. Aim and hypotheses	15
2.1 Specific objectives.....	15
3. Materials and Methods.....	16
3.1 Validation study (<i>Paper I</i>).....	16
3.1.1 Pre-coded food record (PFR).....	16
3.1.2 Weighed food record (reference method) (WFR)	16
3.1.3 DLW technique.....	17
3.2 The SKOT cohort (<i>Paper II and III</i>).....	17
3.2.1 First examination at 9 months	18
3.2.2 Blood analysis.....	19
3.2.3 Cut-off points.....	19
3.2.4 Definitions	20
3.2.5 Nutritional calculations.....	20
3.3 Statistical analyses.....	20
3.3.1 Validation study (<i>Paper I</i>).....	21
3.3.2 The SKOT cohort (<i>Paper II and III</i>)	21
4. Results.....	23
4.1 Validation study (<i>Paper I</i>).....	23
4.2 The SKOT cohort (<i>Paper II and III</i>).....	27
4.2.1 Dietary habits of partly breastfed and completely weaned infants at 9 months of age	27
4.2.2 Iron.....	31
5. Discussion	34
5.1 Validation study (<i>Paper I</i>).....	34
5.2 The SKOT cohort (<i>Paper II and III</i>).....	38

5.2.1 Dietary habits of partly breastfed and completely weaned infants at 9 months of age (<i>Paper II</i>)	38
5.2.2 Iron(<i>Paper III</i>)	39
5.2.3 Strengths and limitations of the SKOT cohort study.....	43
6. Conclusions	44
7. Perspectives.....	45
8. English Summary	46
9. Dansk Resumé.....	48
10. References	50
Paper I-III.....	58