

Table S1. Overview of the coding process and the second order analysis.

Code groups	Subgroups	Second order analysis, theory of social contexts	Recontextualisation
The counselling sessions at the paediatric outpatient clinic	<ul style="list-style-type: none"> - The parent's immediate experiences - The children's immediate experiences - Being measured and going on the scales - Telling the children about their obesity - The consequences of being obese (risk focus) - Tools: raw amount of fat in various snacks. - The rewarding - Health behaviour tasks - The time interval between sessions Family participation in the counselling session	<p>Theme 1: The families' pre-intervention context (section 6.1).</p> <p>Heading 1: "Obesity as a familial, common and abnormal issue"</p>	<p>The family's everyday lives</p> <ul style="list-style-type: none"> - Parent perceptions of the obesity issue in their living area - Family obesity narrative - Knowing other children/families with obesity issues - Experiences with earlier obesity-interventions The obesity issue in the media
The family's everyday lives	<ul style="list-style-type: none"> - Parent perceptions of the obesity issue in their living area - Family obesity narrative - Knowing other children/families with obesity issues - Experiences with earlier obesity-interventions The obesity issue in the media	<p>Theme 2: The context shaped in the counselling session (section 6.2),</p> <p>Heading 1: "Explaining childhood obesity to children with obesity"</p>	<p>The counselling sessions at the paediatric outpatient clinic</p> <ul style="list-style-type: none"> - The parent's immediate experiences - The children's immediate experiences - Being measured and going on the scales - Telling the children about their obesity - The consequences of being obese (risk focus) - Tools: raw amount of fat in various snacks. - The rewarding - Health behaviour tasks - The time interval between sessions Family participation in the counselling session
The family's management and implementation of healthier habits	<ul style="list-style-type: none"> - Missing health behaviour tasks - Family habits and habits of the parents - The role of siblings - Divorced families - The role of dad - Implementation strategies and new rules - Rewarding - Weight focus Conflicts	<p>Theme 3: Implementation of the intervention in family contexts (section 6.3, 6.4)</p> <p>Heading 3: "Increased weight focus and split families"</p> <p>Heading 4: "Blamed as a cheater or for the healthy spill-over effects on others"</p>	<p>The family's management and implementation of healthier habits</p> <ul style="list-style-type: none"> - Missing health behaviour tasks - Family habits and habits of the parents - The role of siblings - Divorced families - The role of dad - Implementation strategies and new rules - Weight focus - Conflicts <p>The role of the broader family</p> <ul style="list-style-type: none"> - The role of grandparents - The role of aunts, uncles and cousins, Support and preferences
The role of the broader family	<ul style="list-style-type: none"> - The role of grandparents - The role of aunts, uncles and cousins - Support and preferences 	<p>Theme 4: The impact of other contexts on implementation (section 6.5)</p> <p>Heading 5: "Pushing for change in unsupportive environments"</p>	<p>The role of other settings</p> <ul style="list-style-type: none"> - At school - At sport and leisure activities - Spending time with friends and friends' families
The role of other settings	<ul style="list-style-type: none"> - At school - At sport and leisure activities - Spending time with friends and friends' families 	<p>Theme 5: The children's new post-intervention context (section 6.6)</p> <p>Heading 6: "The children's new context"</p>	<p>The counselling sessions at the paediatric outpatient clinic</p> <ul style="list-style-type: none"> - The consequences of being obese (risk focus) - The rewarding <p>The role of other settings</p> <ul style="list-style-type: none"> - At school - At sport and leisure activities

- Spending time with friends and friends' families

**The family's management and implementation
of healthier habits**

- Implementation strategies and new rules

- Rewarding

Weight focus
