

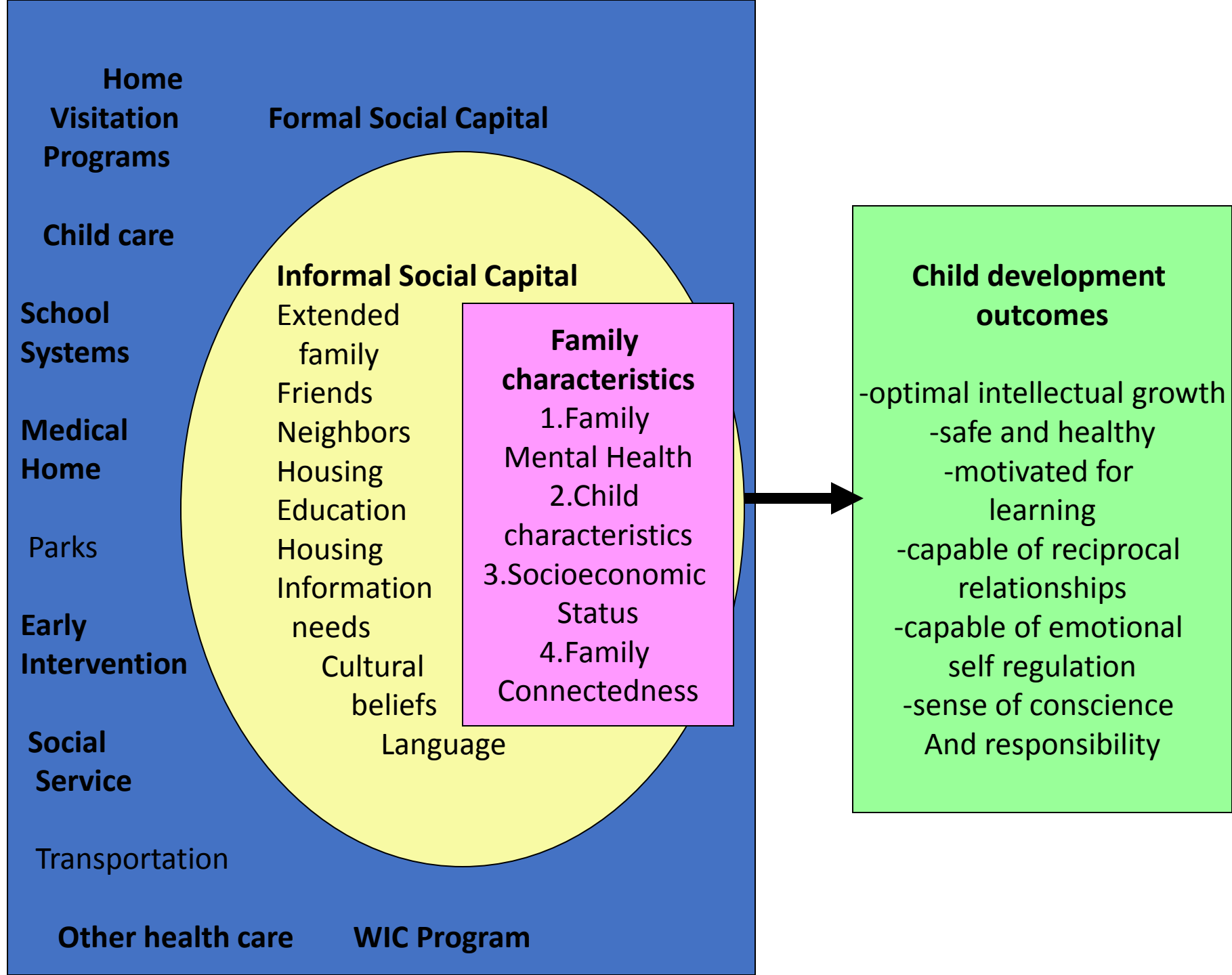
“The Well Baby Plus Program: Promoting Resilience in American At-Risk Families”

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Well Baby Plus: Collaborative Approach to the Parent Child Relationship in Beaufort, South Carolina, USA



Well Baby Plus intervention

- Group well child visits staffed by a private pediatric practice (8 clinicians), who provided other medical home services at their office. Group visits were scheduled using the AAP periodicity schedule
- Utilized a school-based home visitation program (“Parents as Teachers” curriculum). Home visitors provided assistance with coordination, appointment reminders, transportation and post visit reinforcement. Home visitors attended the group well visits.
- Visits were provided on a school site where other auxiliary services were present

Features of Well Baby Plus Evaluation Group

- 119 Families offered WB+
- 91 families enrolled
- 70 families still engaged at 15 months of age
- 51 families completed exit questionnaire
- Lived in Beaufort, South Carolina, USA east of Battery Creek
- On Public Insurance



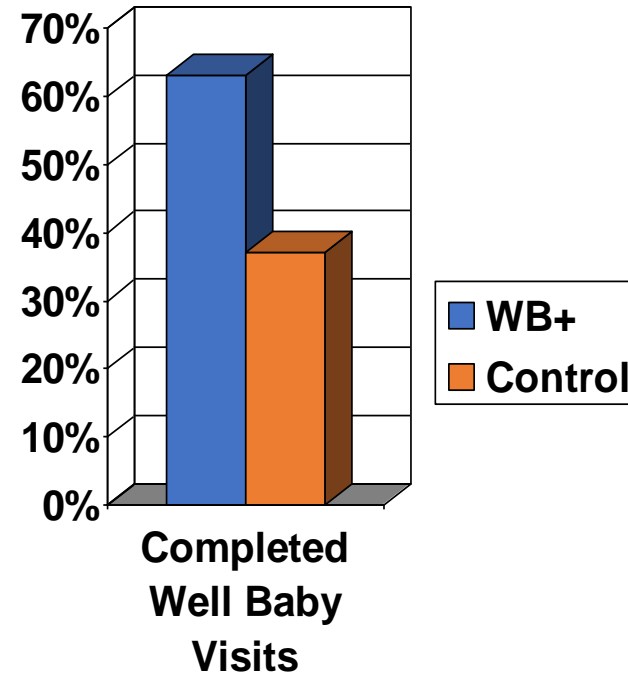
Comparison Group Features



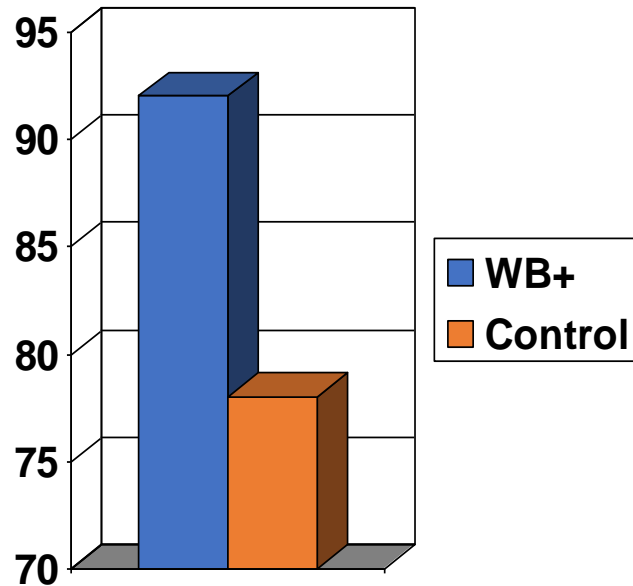
- Received traditional pediatric care within the medical home
- Lived west of Battery Creek in Beaufort, South Carolina USA
- Matched retrospectively one to one with WB+ patients by maternal age, marital status and SE stress (Orr SES)
- On Public Insurance

Completed all Well Child Visits

- Children in the WB+ intervention group (65%) were more likely than comparison group (37%) children to attend all scheduled well-child visits
- ($p= 0.006$)



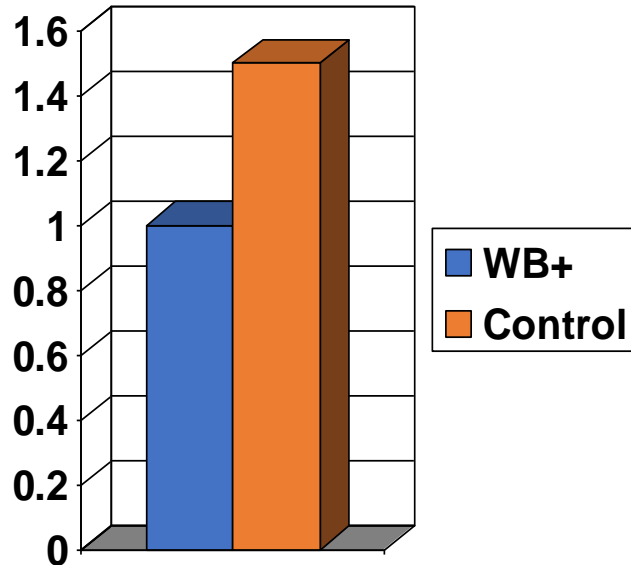
Immunization UTD as recorded in Patient Chart



- 92% of WB+ children were fully immunized vs. 78% of comparison children ($p=0.01$)

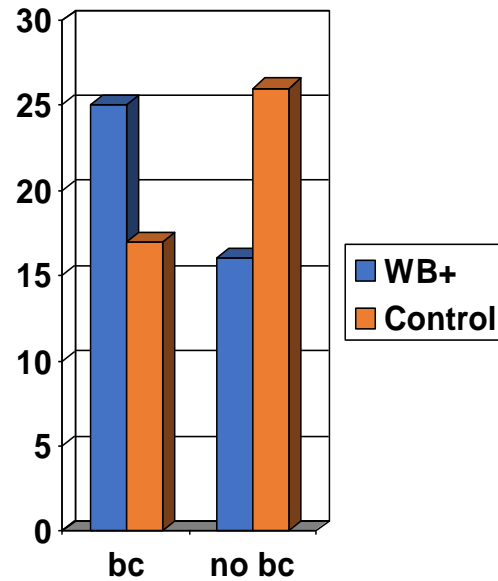


Trend towards Lower ER Utilization

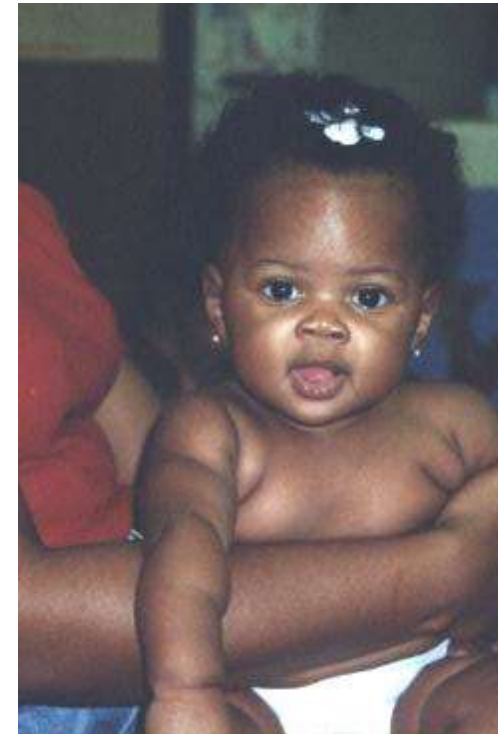


- Well Baby Plus children showed a trend towards lower ED usage with an average of 1.0 visit vs. 1.45 visits in the control population (p=0.18)
- Not statistically significant

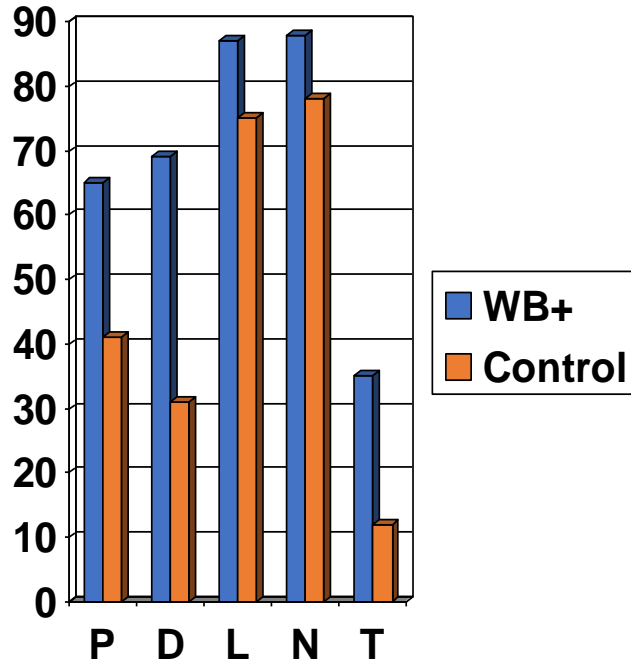
Family Spacing: Well Baby Plus Mothers more likely to be using birth control



- WB+: 25/41 using birth control (61%)
- Comparison: 17/43 using birth control (40%)
- $p = 0.03$

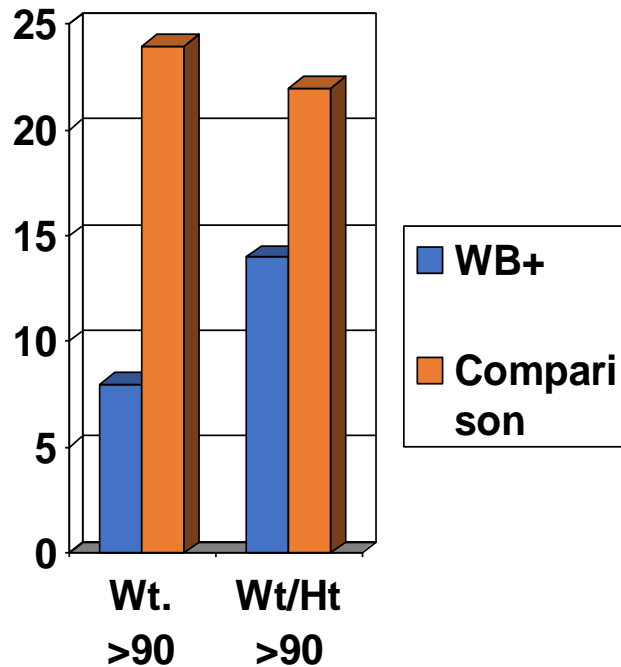


When child was 15 months, parents recalled their clinician had discussed:



- WB+:**
- P: Poisoning : 65% (p=0.003),
- D: Discip.:69% (p<0.001),
- L: Literacy: 87% p=0.16) N:
- Nutrition: 8%(p=0.17)
- T: Toi-train:35%(p=0.01)
- Control Group:**
- P: Poisoning: 41%,
- D: Discipline: 31%
- L:Literacy: 75%
- N: Nutrition: 78%
- T:Toilet-Training 12%

Impact on Obesity?: Were Well Baby Plus patients less like to be obese at 15 months of age?



- WB+
 - weights > 90 percentile: 8%
 - Average 50 percentile
- Control Group
 - weights > 90 percentile: 24%
 - Average 55 percentile
 - $p=0.03$
 - This difference disappeared when Weight vs. Height percentiles used ($p=.3$)

References

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