

Caregiver-Infant Interactions

- Reciprocity → turn-taking between infants and caregivers e.g. one smiles, the other laughs.
- Interactional synchrony → Mirroring of facial expressions/movements during communication, move in time with each other.
- Imitation → infant/caregiver copies other e.g. caregiver claps and infant claps.

✔ Supported by 'frozen face' experiment.

✘ Concerns over validity and whether infants expressions are naturally occurring rather than imitated, findings may lack ecological validity as studies take place in artificial settings, practical difficulties studying caregiver infant interaction.

Development Of Attachment Schaffer And Emerson (1964)

18 month study of 60 mothers and infants in Glasgow.

1. Pre-attachment (0-2m) – similar response to all people and objects.
2. Indiscriminate attachment (2-7m) – forming preferences for humans over objects.
3. Discriminate attachment (7-10/11m) - show attachment to PCG with separation and stranger anxiety.
4. Multiple attachment (10/11m+) - secondary attachments develop. 65% formed primary attachment to mother, likely to be person who was most responsive.

✘ Findings could be biased due to self-report nature of research (mothers may not be honest), findings may be difficult to generalise due to limited sample.

✘ Disagreement about importance of multiple attachments - Bowlby suggests only attachment to mother is important.

Role of the Father

- Fathers more likely to be secondary attachment .
- Fathers adopt play-mate role involving games/play whereas mothers have emotional role .
- Fathers adopt caregiving role in absence of mother .
- Attachment to father influences later development e.g. IQ.

✘ Importance of father is questioned - children raised in lone-parent or same-sex families do not develop differently, Bowlby says father only plays economic role.

Animal Study – Lorenz (1935)

- Greylag geese eggs were randomly divided into a group that hatched with their natural mother and a group that hatched in an incubator. When incubator eggs hatched the followed Lorenz around (imprinting).
- Found this was long-lasting and irreversible, supports innate nature of attachment.

✘ Issues generalising findings to humans (more emotional involvement), evidence suggests imprinting can be reserved (e.g. Guiton chicken study).

Animal Study – Harlow

- 8 Rhesus monkeys were caged with 2 wire mothers; one provided comfort the other food. Time spent on each was measured.
- All monkeys spent more time with the cloth mother, only leaving to feed. When frightened they would cling to the cloth mother. Suggests comfort/love is key to attachment, not food.

✘ Issues with generalising findings to human infants (attachment may be more complex), ethical issues of long-lasting harm caused to animals due to experiment.

Cultural Variations

- Van Ijzendoorn and Kroonenberg - meta-analysis of 32 studies in 8 countries, 2000 strange situation classifications.
- Secure is most common.
- Avoidant was 2nd most common except in Israel and Japan (collectivist).
- Resistant is least common in individualistic cultures.
- 1.5X greater variation within cultures than between them.

✔ Larger sample size than single studies.

✘ Not representative of all cultures,

over-represents individualist cultures, used SS which is ethnocentric and may not produce valid classifications.

Maternal Deprivation – Bowlby

- Frequent and prolonged separation from maternal caregiver during first 2.5 years has negative and irreversible consequences. Effects: Lower IQ → the longer a child spends in care the lower their IQ and social maturity. Affectionless psychopathy → 86% of juvenile thieves had frequent separations. Leads to lack of guilt, empathy and remorse. Poorer mental health → higher chance of anxiety and depression.

✔ RWA - changes to childcare practices and hospital visiting

✘ Effects may depend on individual differences such as attachment type (Bowlby)

✘ Research is only correlational (cannot establish cause and effect), some children can recover from separation.

Explanations Of Attachment – Learning Theory

Classical conditioning → caregiver becomes a conditioned stimulus because it's associated with pleasure of food, this association is the basis of attachment bond. Operant conditioning → attachment is maintained as infant seeks mother (secondary reinforcer) to receive the reward of food (primary reinforcer).

✘ Not supported by Harlow or Shaffer and Emerson (food was not key to attachment).

✘ Too simplistic to explain human attachment (ignores love, comfort, emotion etc).

Explanations of Attachment - Bowlby

- Adaptive and innate → infant is born ready to attach to maternal caregiver
- Monotropy → infants form one special attachment to mother.
- Critical period → attachment should form in first 3-6m.
- Internal working model → attachment to mother acts as template for future relationships.
- Continuity hypothesis → attachment in infancy influences later attachments,

✔ Continuity is supported by Hazen and Shaver - correlation between attachment in infancy and later romantic relationships.

✘ Critical period is too restrictive - children are able to form attachments after 6m, socially sensitive and has implications for mother (could be pressured to take on caregiving role), ignores importance of father and multiple attachments.

Measuring Attachment – Ainsworth

Controlled observation, 8 episodes, infant observed through one-way mirror, behaviour recorded every 15 seconds, 4 behaviours measured - Separation anxiety, reunion behaviour, stranger anxiety and exploration observed.

• Secure 66% → moderate separation distress and stranger anxiety, seeks mother on reunion.

• Avoidant 22% → high exploration, low separation and stranger anxiety, avoids/ignores mother on reunion.

• Resistant 12% → low exploration, high stranger and separation anxiety, seeks and rejects mother on reunion.

✔ High reliability - 94% agreement between observers on attachment type.

✘ Issues with artificial setting/demand characteristics (mother may change behaviour), does not measure attachment to father, is ethnocentric and may not be applicable to measuring attachment in other cultures, could be unethical as causes distress.

Influence of Early Attachments

• Relationship with PCG acts as template for future relationships through IWM. A positive IWM leads to happy, trusting relationships in childhood and adulthood through continuity hypothesis.

Childhood

• Sroufe → securely attached children have better peer relationships.

Adulthood

• Hazen and Shaver → people who are securely attached in infancy have happier, longer-lasting adult romantic relationships.

• McCarthy → secure attachment leads to stronger adult romantic and friendship relationships. • Bailey → attachments run in families, likely to have same attachment to mother and own children.

✘ Early attachment does not have a consistent effect on later relationships, research is only correlational, children can recover from poor early attachment experiences.

Effects Of Institutionalisation

When children spend an extended time in an institution such as an orphanage and adopt rules/norms/behaviours of that institution.

• Bowlby (juvenile thieves study - delinquency, affectionless psychopathy), Goldfarb (lower IQ).

Romanian Orphans

• Rutter → longitudinal study of 165 Romanian adoptees, those adopted before 6m had better outcomes (higher IQ, better relationships), those adopted after 6m more likely to show disinhibited attachment.

• Bucharest project study → children less likely to be classified as securely attached.

• Le Mare and Audet → orphans likely to be smaller but this is overcome with good substitute care.

✔ RWA - changes to institutions and adoption policies, longitudinal studies help to assess effects over time.

✘ Romanian studies - limited samples as only one type of institution.