Fundación Castilla del Pino

Mentalization based interventions and a mechanism of change in psychological therapy

Peter Fonagy
The Anna Freud Centre
P.Fonagy@UCL.AC.UK

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P.Fonagy@UCL.AC.UK
Boasting about mentalizing (but only briefly)

- Traditional common factors
- Common principles
- Cross modality predictors
Some of the Mentalizing Mafia

- **UCL/AFC/Tavistock**
  - Prof George Gergely
  - Professor Pasco Fearon
  - Professor Mary Target
  - Prof Anthony Bateman
  - Dr Liz Allison
  - Professor Alessandra Lemma
  - Professor Eia Asen
  - Dr Trudie Rossouw
  - Dr Dickon Bevington

- **University of Leuven**
  - Dr Patrick Luyten

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[iapt]
Improving Access to Psychological Therapies

[NHS]
Some more mafiosi (The USA branch)

- **Menninger Clinic/Baylor Medical College**
  - Dr Jon Allen
  - Dr Lane Strathearn
  - Dr Brooks King-Casas
  - Dr Read Montague
  - Dr Carla Sharp
  - Dr Efrain Bleiberg

- **Yale Child Study Centre**
  - Prof Linda Mayes
  - Professor Flynn O’Malley
  - Dr Elisabeth Newlin
  - Professor Nancy Suchman
And European recruits to the ‘Family’

- Dawn Bales
- Dr Mirjam Kalland
- Professor Finn Skårderud
- Professor Sigmund Karterud

- Cindy Decoste
- Catherine Freeman
- Ulla Kahn
- Morten Kjolbe
- Benedicte Lowyck
- Tobi Nolte
- Marjukka Pajulo
- Svenja Taubner
- Bart Vandeneede
- Annelies Verheught-Pleiter
- Rudi Vermote
- Joleien Zevalkink
- Bjorn Philips
- Dr Peter Fuggle
Clear evidence of having little to declare


Washes brains whiter!

Longer than all previous versions!

NEW!
IMPROVED!
JUST RELEASED!
Psychological therapies & mentalizing

• When we interact with other people, we are only moderately interested in their visible shell.
• Vastly more important are the invisible beliefs, desires and intentions that lie behind their actions ➔ that which needs addressing in psychotherapy.
• Therapy occurs in the midst of an evolutionarily protected set of mechanisms that have evolved to ensure social understanding.
• There is a group of developing brain regions in the human cortex that selectively and specifically underlie our capacity to mentalize.
Measuring Mentalization (Baron-Cohen et al., 2001) Reading the Mind in the Eyes Test

Surprised-A

Sure about something-B

Joking-C

Happy-D
Mentalizing at the World Cup: How does Robert Green feel after letting in the USA goal?

- Upset
- Angry
- Disappointed
- Frustrated
Shared neural circuits for mentalizing about the self and others
(Lombardo et al., 2009; J. Cog. Neurosc.)

**A**
- Self mental state
- Other mental state
- Overlapping for Self and Other

**B**

**C**
Let the boy dream Ivan, He is a born dilettante!

You will never amount to anything if you hold a ball like that!

I want to write my PhD on the “Use of low signal-to-noise ratio stimuli for highlighting the functional differences between the two cerebral hemispheres”.

You look smug now but you will lose your hair just like Dad.
### Mentalizing Profile Associated with Arousal


<table>
<thead>
<tr>
<th>Implicit-Automatic-Non-conscious-Immediate</th>
<th>Explicit-Controlled-Conscious-Reflective</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mental interior cue focused</td>
<td>Mental exterior cue focused</td>
</tr>
<tr>
<td>Cognitive agent: attitude propositions</td>
<td>Affective self: affect state propositions</td>
</tr>
<tr>
<td>Imitative frontoparietal mirror neurone system</td>
<td>Belief-desire MPFC/ACC inhibitory system</td>
</tr>
</tbody>
</table>

**AROUSAL**

**Mentalizing Profile Associated with Arousal**

- **Implicit-Automatic-Non-conscious-Immediate**
  - Mental interior cue focused
  - Cognitive agent: attitude propositions
  - Imitative frontoparietal mirror neurone system

- **Explicit-Controlled-Conscious-Reflective**
  - Mental exterior cue focused
  - Affective self: affect state propositions
  - Belief-desire MPFC/ACC inhibitory system

**Cognitive agent: attitude propositions**

- Associated with several areas of prefrontal cortex
- Associated with inferior prefrontal gyrus

**Imitative frontoparietal mirror neurone system**

- Frontoparietal mirror-neuron system
- The medial prefrontal cortex, ACC, and the precuneus

**Cortical Regions Involved**

- Amygdala, basal ganglia, ventromedial prefrontal cortex (VMPFC), lateral temporal cortex (LTC) and the dorsal anterior cingulate cortex (dACC)
- Lateral and medial prefrontal cortex (LPFC & MPFC), lateral and medial parietal cortex (LPAC & MPAC), medial temporal lobe (MTL), rostral anterior cingulate cortex (rACC)

**Networks**

- Medial frontoparietal network activated
- Recruits lateral fronto-temporal network

**Affective Systems**

- Associated with several areas of prefrontal cortex
- Associated with inferior prefrontal gyrus

**Cortical Regions**

- Associated with several areas of prefrontal cortex
- Associated with inferior prefrontal gyrus

**Networks**

- Medial frontoparietal network activated
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**Cortical Regions**

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**Networks**

- Medial frontoparietal network activated
- Recruits lateral fronto-temporal network

**Affective Systems**

- Associated with several areas of prefrontal cortex
- Associated with inferior prefrontal gyrus
Mentalizing Profile of Prototypical BPD Patient


**Implicit-Automatic-Non-conscious-Impressionistic**
- Cognitive agent: attitude propositions
- Associated with several areas of prefrontal cortex

**Explicit-Controlled-Conscious-Reflective**
- Affective self: affect state propositions
- Belief-desire MPFC/ACC inhibitory system

**Mental interior cue focused**
- Imitative frontoparietal mirror-neuron system
- Frontoparietal mirror-neuron system

**Mental external cue focused**
- Explicit: mental and external cue focused

**BPD**
- Amygdala, basal ganglia, ventromedial prefrontal cortex (VMPFC), lateral temporal cortex (LTC) and the dorsal anterior cingulate cortex (dACC)

**BPD**
- Associated with the medial prefrontal cortex, ACC, and the precuneus

**BPD**
- Belief-desire MPFC/ACC inhibitory system

**BPD**
- Recruited lateral fronto-temporal network

**BPD**
- Associated with inferior prefrontal gyrus

**BPD**
- Medial frontoparietal network activated

**BPD**
- Associated with several areas of prefrontal cortex

**BPD**
- Associated with inferior prefrontal gyrus

**BPD**
- The medial prefrontal cortex, ACC, and the precuneus

**BPD**
- Lateral and medial prefrontal cortex (LPFC & MPFC), lateral and medial parietal cortex (LPAC & MPAC), medial temporal lobe (MTL), rostral anterior cingulate cortex (rACC)
### Hypothetical Pattern of Association of PD and Multidimensional Model of Mentalizing

<table>
<thead>
<tr>
<th></th>
<th>BPD</th>
<th>ASPD</th>
<th>NPD</th>
<th>Paranoid</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Self/Other</strong></td>
<td>+/+++</td>
<td>++/+++</td>
<td>+++/-</td>
<td>+++/-</td>
</tr>
<tr>
<td><strong>External/Internal</strong></td>
<td>+++/+</td>
<td>+++/+</td>
<td>+/+++</td>
<td>+/++++</td>
</tr>
<tr>
<td><strong>Implicit/Explicit</strong></td>
<td>+++/+</td>
<td>+++/+</td>
<td>++/++</td>
<td>++/++</td>
</tr>
<tr>
<td><strong>Cognitive/Affective</strong></td>
<td>+/+++</td>
<td>++/-</td>
<td>++/+</td>
<td>++/++</td>
</tr>
</tbody>
</table>
Treatment AIMS in re-establishing mentalizing in borderline personality disorder

Implicit-Automatic

Mental interior focused

Cognitive agent: attitude propositions

Imitative frontoparietal mirror neurone system

Implicit-Conditioned

Mental exterior focused

Affective self:affect state propositions

Imitative frontoparietal mirror neurone system

Belief-desire MPFC/ACC inhibitory system

Explicit-Controlled

Mental exterior focused

Appearance

Certainty of cognition

Emotional sensitivity

Impression driven

Appearance

Certainty of cognition

Emotional sensitivity

Mental interior focused

Cognitive agent: attitude propositions

Implicit-Automatic
Clinical summary of intervention

• Focus is on a **break in mentalizing** – psychic equivalence, pretend, teleological

• **Rewind** to moment before the break in subjective continuity

• Explore current **emotional context** in session by identifying the momentary affective state between patient and therapist

• Identify **therapist’s contribution** to the break in mentalizing (humility)

• Seek to **mentalyze** the therapeutic **relationship**
So what should the therapist aim do?

- In MBT, the mind of the patient becomes the focus of treatment.
- Help the patient learn about the **complexities** of his thoughts and feelings about himself and others, how that relates to his responses, and how ‘errors’ in understanding himself and others lead to actions.

- **It is not for the therapist to ‘tell’** the patient about how he feels, what he thinks, how he should behave, what the underlying reasons are, conscious or unconscious, for his difficulties.
  
  - **any therapy approach to BPD which moves towards ‘knowing’ how a patient ‘is’, how he should behave and think, and ‘why he is like he is’, could be harmful.**

- We recommend an inquisitive or ‘not-knowing’ stance. Conveys a sense that mental states are opaque.
State of the Art: MBT as Long Term therapy

Mentalization Based Day Hospital
Bateman & Fonagy

Mentalization Based Intensive Outpatient Treatment
Bateman & Fonagy

Mentalization Based Treatment for Adolescents
Rossouw et al.

American J Psych, 2001

BJPsych, in press

Am J Psyhc, 2009
State of the Art: MBT Derivatives

Mentalization Based Therapy for Families & Couples
Fearon, Bevington, Williams, Bleiberg Midgley, Asen, Target.

Mentalization Based Object Relations Therapy for Depression (DIT)
Lemma, Target, Luyten, Fonagy et al. Psychiatry, 2010

Mentalization Based Systemic Interventions (Peaceful Schools)
Twemlow, Vernberg, et al.

JCP, 50, 2009, 607-16
J. Fam. Therap, 2012

Psychiatry, 2012

Capstone Programme of Studies
Consultation
Control

Peer Report of Relational Aggression
CAPSLE Consultation Control

JCPP, 50, 2009, 607-16

Mentalization Based Therapy for Families & Couples

Mentalization Based Object Relations Therapy for Depression (DIT)

Mentalization Based Systemic Interventions (Peaceful Schools)
Articles using ‘mentalization’ in title or abstracts

Source: http://apps.webofknowledge.com, Data collected 1.3.2013
Evidence based or promising treatments

- DBT
- MBT
- TFP
- MBT
- CAT
- GPM
- SFT
MBT is in its infancy as an EST

Prof. Anthony Bateman, MD

Prof. Peter Fonagy, PhD FBA
Psychotherapy for BPD

- A range of structured treatment programmes for BPD shown to be effective in studies
  - DBT
  - TFP
  - SFT
  - CBT
  - SPT
  - DDP
  - CAT
  - GPM
  - MBT

Do they work for the reasons the developers suggest?
“Common factors” research in psychotherapy

- Traditional common factors
- Common principles
- Cross modality predictors
Common Factors

• Centrality of the **therapeutic relationship** (working alliance, caring, agreement on treatment goals)

• The importance of establishing a **clear treatment frame** (safe and structured, therapist knowledge of strategies)

• “**Faux-unique”** variables (Castongay, 2011) - components of therapy that are typically associated with one orientation plays a role in the effectiveness of **other approaches** (such as focusing on early attachments in CBT)
The working alliance controversy

Castonguay et al. (1996)

Depressed patients treated with CBT

took measures of:

- level of alliance
- therapist focus on distorted thinking

- alliance significantly associated with outcome
- greater focus on distorted thinking associated with poorer outcomes
- effect disappears if alliance levels controlled for
Within and between therapist variance

Baldwin et al. 2007

Symptoms

More

Less

Alliance

Weaker

Stronger

Between Therapists

Within Therapists

state trait
The working alliance controversy

Therapeutic Alliance Predicts Symptom Improvement Session by Session

A sample of 646 patients (76% women, 24% men) in primary care psychotherapy Administered the Working Alliance Inventory and CORE session by session,

<table>
<thead>
<tr>
<th>Fixed effects</th>
<th>$b$</th>
<th>95% CI</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORE OM lag1 → CORE-OM</td>
<td>$-0.06^{	ext{**}}$</td>
<td>$[-0.09, -0.02]$</td>
</tr>
<tr>
<td>WAI-S lag1 → CORE-OM</td>
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<td>$[-0.52, -0.08]$</td>
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<tr>
<td>WAI-S lag1 → WAI-S</td>
<td>$-0.15^{	ext{***}}$</td>
<td>$[-0.19, -0.12]$</td>
</tr>
<tr>
<td>CORE-OM → WAI-S</td>
<td>$-0.03^{	ext{***}}$</td>
<td>$[-0.03, -0.02]$</td>
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Reciprocal Influence of Alliance to the Group and Outcome in Day Treatment for Eating Disorders


So why does improved alliance in session \( t-1 \) lead to improvement in session \( t \)?
Understanding benefit from working alliance

• Is it to do with learning about oneself?
  – Most unlikely because improvement occurs between end of session and beginning of next session

• So what is it about working alliance that actually improves the patient?
  – a bizarre delayed reverse causality?
  – attachment mediated – but through what process?
  – opening up a social learning process that benefits the patient between sessions
The Transmission of Culture and Why Therapy Works

• How do we know who to learn from?
• How does trust relate to attachment?
• How do you get people to trust you?
• Why does trust make a difference?
Brains and social behavior vary across different mammalian species

- **Insectivors:**
  Regulated maternal behaviors

- **Chimpanzees:**
  Societies of a few dozen

- **Modern Humans:**
  Societies of millions of interacting people

Humans exceedingly skilled at large scale social interaction

Competition for social skills led to the evolutions of cognitive mechanism for collaborating with others

Fuelled evolution of human brain.

Therefore correlation in mammals between size of social group and volume of neocortex
Instincts in explanations of psychopathology

• Historically **three attempts** to ground the assumptions of clinical causation to instinct

• Three **major human instincts** have been the focus of explanations of development and its distortion in psychological disorder
  
  – 1. The **psychosexual** AND aggression instinct – Freud and classical psychoanalysis
  
  – 2. The instinct for **attachment** – Bowlby, Ainsworth and early infant researchers
  
  – 3. The instinct for **communication** – Gergely, Tronick and modern infant research
Species-specific ways to acquire beliefs

- We can accept a culturally transmitted belief for **two reasons** (Sperber, 1997, 2001, Sperber et al., 2010)
  - its **content**
  - the **authority** of its source

- To accept because of **content**
  - grasp its **deductive** relations to the contents of **other beliefs**
  - **inductive** relations to the evidence, in accordance with the **principles of theoretical rationality**.

- To accept on account of the **authority** (‘deferentially’ transmitted, Recanati, 1997)
  - its **source** is known, **remembered** and **judged** to be reliable (or trustworthy)
  - taken to be **shared common knowledge** among members of one’s community
The need for human natural pedagogy

• We are born into a world populated with man-made tools whose functional properties, appropriate manner of application or method of (re)production often remain in many respects epistemically opaque → NEED COMMUNICATION

• The cognitive opacity of kind or category-relevant aspects of human-made functional artifacts raises a learnability problem (of relevance-selection) for the naïve juvenile observational learner
Natural Pedagogy theory

(Csibra & Gergely, 2006; 2009, 2012)

• A human-specific, cue-driven social cognitive adaptation of mutual design dedicated to ensure efficient transfer of relevant cultural knowledge

• Humans are predisposed (EVOLVED) to ’teach’ and ’learn’ new and relevant cultural information from each other

• Human communication is specifically adapted to allow the transmission of
  a) cognitively opaque cultural knowledge
  b) kind-generalizable generic knowledge
  c) shared cultural knowledge
Definition of Ostensive Stimuli


• The signals whereby an agent makes manifest to an addressee her communicative intention: to manifest some new relevant information for the addressee (i.e. her informative intention).
  – NOT PART OF EPISODIC MEMORY BUT PART OF SEMANTIC/CULTURAL KNOWLEDGE
• Infants display species-specific sensitivity to, and preference for, some non-verbal ostensive behavioral signals (see Csibra, 2010, Csibra & Gergely, 2009 for reviews)
• Examples of ostensive communication cues
  – eye-contact
  – turn-taking contingent reactivity
  – special tone (‘motherese’)

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*NHS*
Triggering the Pedagogical Stance

• The pedagogic stance is triggered by ostensive communicative cues (E.G. EYE CONTACT)

• Ostensive cues have in common
  – Infant recognized as a self
  – Paid special attention to (noticed as an agent)

• Ostensive cues function to trigger epistemic trust:
  – Opening channel to receive knowledge about social and personally relevant world (CULTURE)
  – Going beyond the specific experience and acquire knowledge relevant in many settings
  – Triggers opening of an evolutionarily protected epistemic superhighway for knowledge acquisition
• Learning from babies learning
• Evidence for transferring knowledge for episodic to semantic memory
• Link to contingent responding
• Why attachment is key to learning
Experimental illustration of ostensive cues

Gergely, Egyed et al. (in press)

Subjects: 4 groups of 18-month-olds
Stimuli: Two unfamiliar objects
1: Baseline - control group

No object-directed attitude demonstration

Simple Object Request by Experimenter A

Subjects: n= 20 Age: 18-month-olds
Ostensive Communicative Demonstration

Requester: OTHER person (Condition 1)
Learning from Attitude Expressions

18-month-olds

Ostensive Expression - Generalization
Non-Ostensive (Non-Communicative) Demonstration

Requester: OTHER person (Condition 2)
Learning from Attitude Expressions

18-month-olds

Ostensive Expression - Generalization

Non-Ostensive Expression - No Generalization

Percent Giving Positive Object

71

40

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Condition 4: Non-Ostensive (Non-Communicative)

Demonstration Requester: SAME person
Learning from Attitude Expressions

18-month-olds

Ostensive Expression - Generalization

Non-Ostensive Expression - No Generalization

Non-Ostensive Expression - Person-Specific Attribution

Egyed et al., in prep.
Epistemic trust and secure attachment

• Secure attachment is created by a system that also induces a sense of epistemic trust ➔ that the information relayed by the teacher may be trusted (i.e. learnt from)

• Evidence
  – Contingent responsiveness to the infant’s own (at first, automatic) expressive displays in secure attachment
  – During “mirroring” interactions, the other will “mark” her referential emotion displays in a ‘manifestative’ manner to instruct the infant
  – Cognitive advantage of secure attachment
Attachment and cognitive functioning: the development of competence in logical reasoning

Source: Jacobson et al
How Attachment Links to Learning

The forming of an attachment bond

- Down Regulation of Emotions
  - Bonding
  - Epistemic
  - Trust
Social Cues that Create Epistemic Trust

• **Attachment** is special condition for generating epistemic trust

• Generally any **communication** marked by **recognition** of the listener as **intentional agent** will increase **epistemic trust and likelihood of communication** being **coded** as
  – Relevant
  – Generalizable
  – To be retained in **semantic memory**

• **OSTENSIVE CUES TRIGGER EPISTEMIC TRUST WHICH TRIGGERS A SPECIAL KIND OF ATTENTION**
Individual Differences in Creating Epistemic Trust

**Influential communicators**

- use ostensive **cues** to **maximum**
- create ‘**illusion**’ of **recognizing** agentiveness of listener
  
  - **Looking** at audience
  - Addressing current **concern**
  - Communicating that they see problem from **agent’s perspective**
  - Seeing and recognizing individual **struggle in understanding**

- Massive **difference in ability** of individuals to influence (teachers, politicians, managers) explicable in terms of varying capacity to **generate epistemic trust**
Meta-analytic studies of teacher effectiveness

- John Hattie is Professor of Education at the University of Auckland, New Zealand.
- **15 years research** and synthesizes over **800 meta-analyses** relating to the influences on achievement in school-aged students.
- Builds a story about the **power of teachers** and of **feedback**, and constructs a model of **learning and understanding**.
- Is there a set of **predictors to good teaching outcomes** based on:
  - The child?
  - The home?
  - The school?
  - The curricula?
  - The teacher?
  - The approaches to teaching?

With grateful thanks to Dr Peter Fuggle
Meta-analytic studies of teacher effectiveness

• Things that do not work:
  – **Mobility** (shifting schools) -0.34
  – Television -0.14
  – Summer vacation -0.09
  – Ability grouping 0.10
  – Individualized instruction 0.20
  – Homework 0.30

With grateful thanks to Dr Peter Fuggle
What makes a teacher the most effective?

- It is teachers seeing learning through the eyes of students; and students seeing teaching as the key to their ongoing learning.

The key ingredients are:

- Awareness of the learning intentions
- Knowing when a student is successful
- Having sufficient understanding of the student’s understanding
- Know enough about the content to provide meaningful and challenging experiences

Passion that reflects the thrills as well as awareness of the frustrations of learning.

With grateful thanks to Dr. Peter Fuggle
The implications for clinical work: Its organisation and delivery

• Mentalizing – what is it?
• Why is seeing from others’ perspective essential to therapy?
• How does therapy free a patient?
Implications: A mechanism of change

- *Mentalizing* (seeing behavior in terms of mental states) entails collaboration
  - Seeing from *other’s perspective*
  - Treating the *other as a person*
  - Recognizing them as an *agent*
  - Assuming they have things to teach you – since mental states are opaque
Implications: The nature of psychopathology

- Social adversity (most deeply trauma) is the destruction of trust in social knowledge of all kinds \(\rightarrow\) rigidity, being hard to reach
- Cannot change because cannot accept new information as relevant (to generalize) to other social contexts
- Personality disorder is not disorder of personality (except by old definition of being enduring) but inaccessibility to cultural communication from
  - Partner
  - Therapist
  - Teacher

\{ Epistemic Mistrust \}
**Implications: The nature of psychopathology**

- **Epistemic mistrust follows experiences of maltreatment or abuse**
  - Therapists ignore this knowledge at their peril

- **Personality disorder is a failure of communication**
  - It is not a failure of the individual but a failure of a relationship
  - It is associated with an unbearable sense of isolation in the patient generated by epistemic mistrust
  - Our inability to communicate with patient causes frustration in us and a tendency to blame the victim
  - We feel they are not listening but actually it is that they find it hard to trust the truth of what they hear
Implications: The nature of psychotherapy

- **Mentalizing** patients may be a **common factor** to psychotherapy **not** because we need **to learn about** our **minds** to learn about those of others.

- **Mentalizing is** a generic way of establishing **epistemic trust and achieving change**
  - Our subjectivity being understood is necessary **key to open up** wish to learn about world including social world
  - Open a key biological route to information transmission and possibility of change **epistemic super-highway**
  - Experience of **feeling thought** about makes us feel **safe enough to think about social world**
Implications: The nature of psychotherapy

- Therapy is not just about the **what** but the **how** of learning:
  - **Opening the person’s mind** via establishing epistemic trust (collaboration) so he/she can once again trust the social world by changing expectations
  - **It is not just what is taught** in therapy that teaches, but the evolutionary **capacity for learning from social situation** is rekindled
  - Therapy interventions are effective because they open the child to **social learning experience** which then feed back in virtuous cycle
Psychotherapy may be effective for **two reasons**

- **Learning content** → by focusing on **trustworthy aspects of context**
  - We may have some **wisdom** that is worth communicating
  - Once epistemic superhighway is open the patient can **learn from us**

- **Learning about sources of knowledge** → by providing a clear **social illustration of trust** we undo epistemic isolation
  - By using **ostensive cues** and establishing a sense that we are concerned to see the **world from the patient’s standpoint** we model a situation of interpersonal trust
  - **Improved understanding** of social situation → Leads to better understanding of attachment figure → more trusting (less paranoid) interpersonal relationships → it opens up the potential to feeling sensitively responded to in **virtuous cycle**
Implications: Learning beyond therapy

- **What is the process at work:**
  - **Limitless** therapies - 1,246 different ways to understand
  - But each model capable to provide a **content to treatment** that makes person feel understood
  - The **rationale** of the treatment and the **model of pathology** and the model of **therapeutic effect** gives the treatment the content to create the process
  - Mentalizing by itself is not a realistic therapy – it does not tell the therapist what to focus on, **just focusing** the patient on their **thoughts** and those of others around them will not achieve change
  - Improvement based on learning from **experience beyond therapy**
Implications: Learning beyond therapy

- The **specific frame of the therapy** around which mentalizing occurs
  - the model of **mind**,
  - the model of **interaction**,
  - the model of **underlying dysfunction**,
  - the model of **therapeutic goals**

- The enhancing of mentalizing is **also** a common factor that achieves **improved social relationships**

- Improved sense of epistemic trust enables **learning from experience** → change due to what happens beyond CAMHS

- The **enhancing of epistemic trust** may be **achieved by treatment** but also a **consequence of improved social relationships** and consequent on what happened in the social world.
Why is participation important in MH?
Decision support & routine measuring of experience & outcome:

NOT a management tool but a tool to place the child and family at the centre of THEIR treatment experience.
Why is patient participation essential?

Now let me say it in longer words…

No! Explain so people can understand for once what you are talking about!!!

And now you already look more interesting!
The transmission of culture and why therapy works

How do we know who to learn from?
How does trust relate to attachment?
What do you need to do?
Why should it work?
Getting comfortable in the social world

Adapting to the social world is a steep learning curve
Getting comfortable in the social world

For example, it is not obvious what is the true function of all the objects we use.
Getting comfortable in the social world

Luckily, humans have evolved to teach and learn from each other quickly and efficiently ...
Getting comfortable in the social world

... quickly and efficiently if certain conditions are met ...
Blocks in the epistemic superhighway

... but this special interpersonal channel for learning about the social world is not always tuned in.
Tuning in to the interpersonal channel

When there is abuse, there is no trust, the mind is blocked and it is impossible to move forward
Win the other person’s trust by responding contingently to their feelings and thoughts, showing them that you are hearing and thinking about what’s going on in their mind ...