

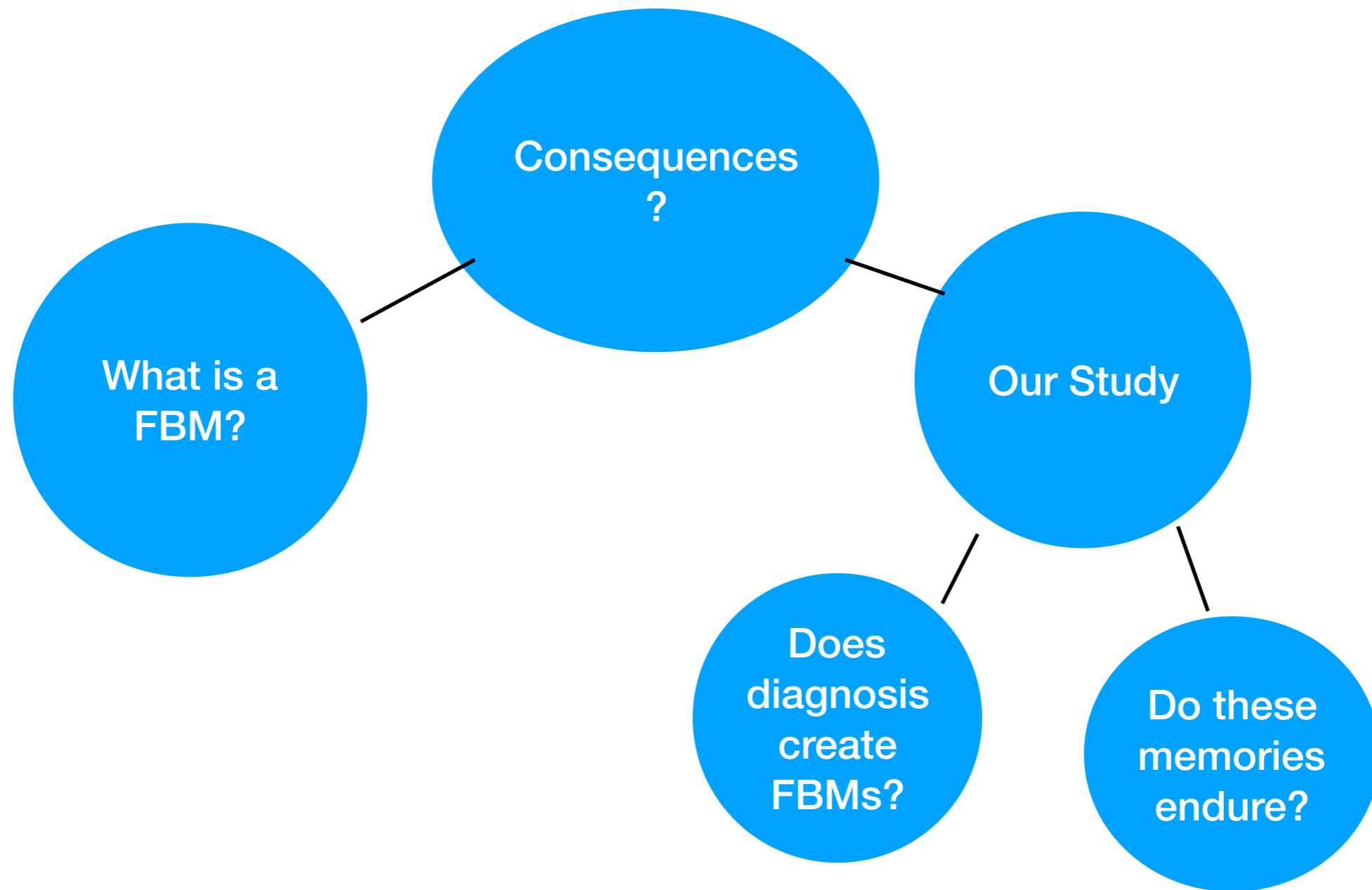
Long-Term Consequences of Flashbulb Memories

Anthony Dein Dr. Cindi May
College of Charleston

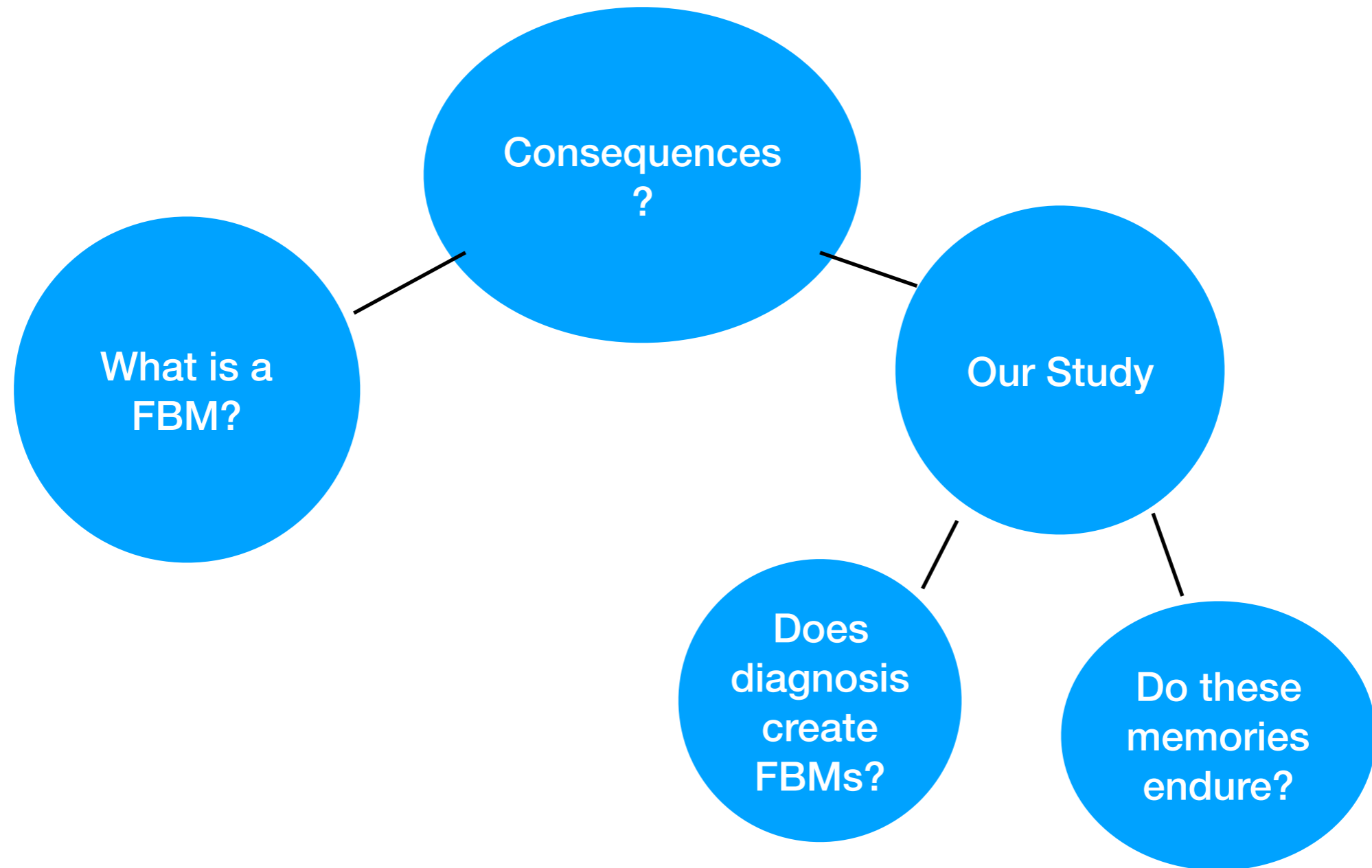
Dr. Jaclyn Ford
Boston College



Talk Overview



Talk Overview



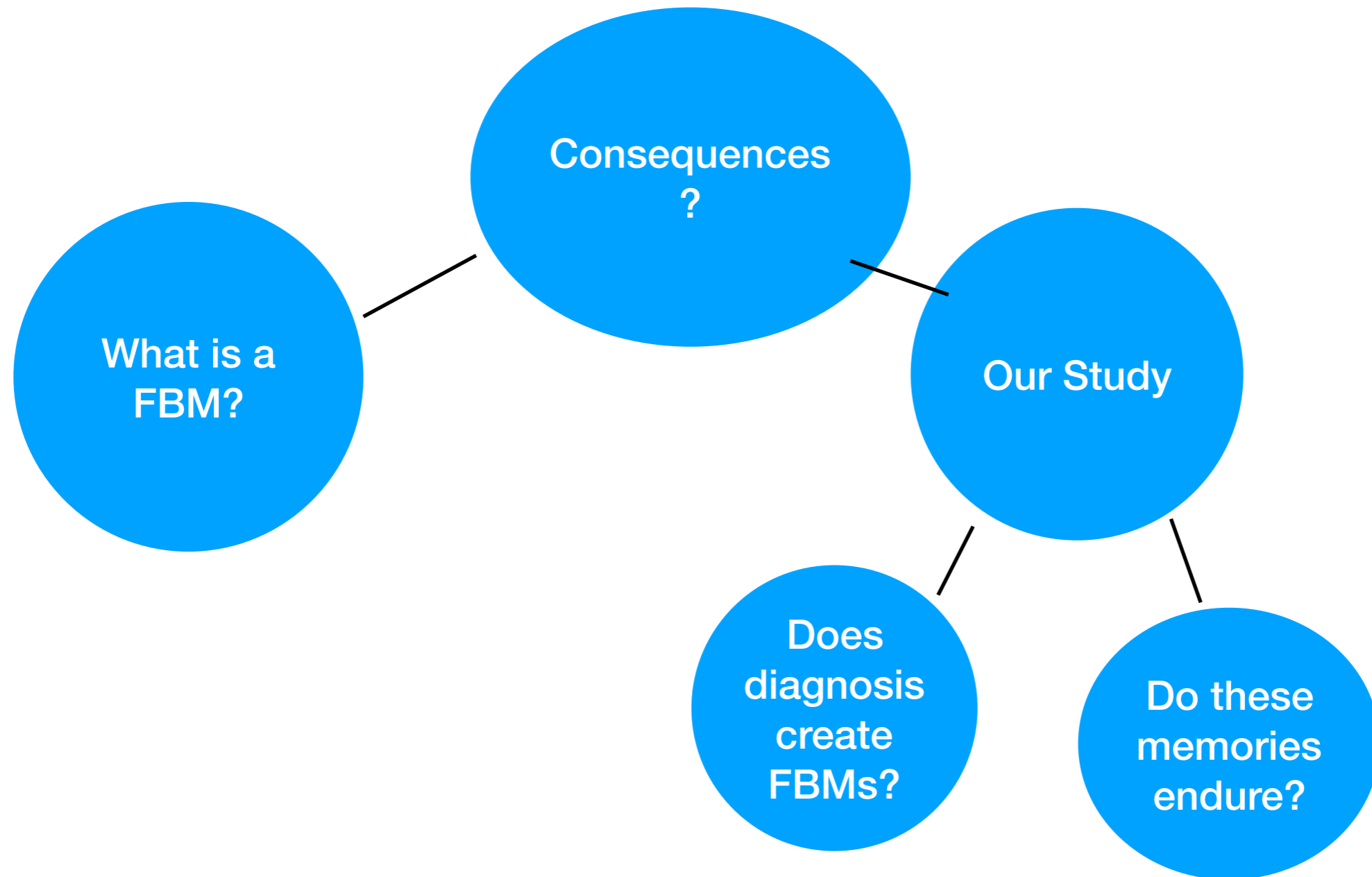




Lanciano et al. (2018)



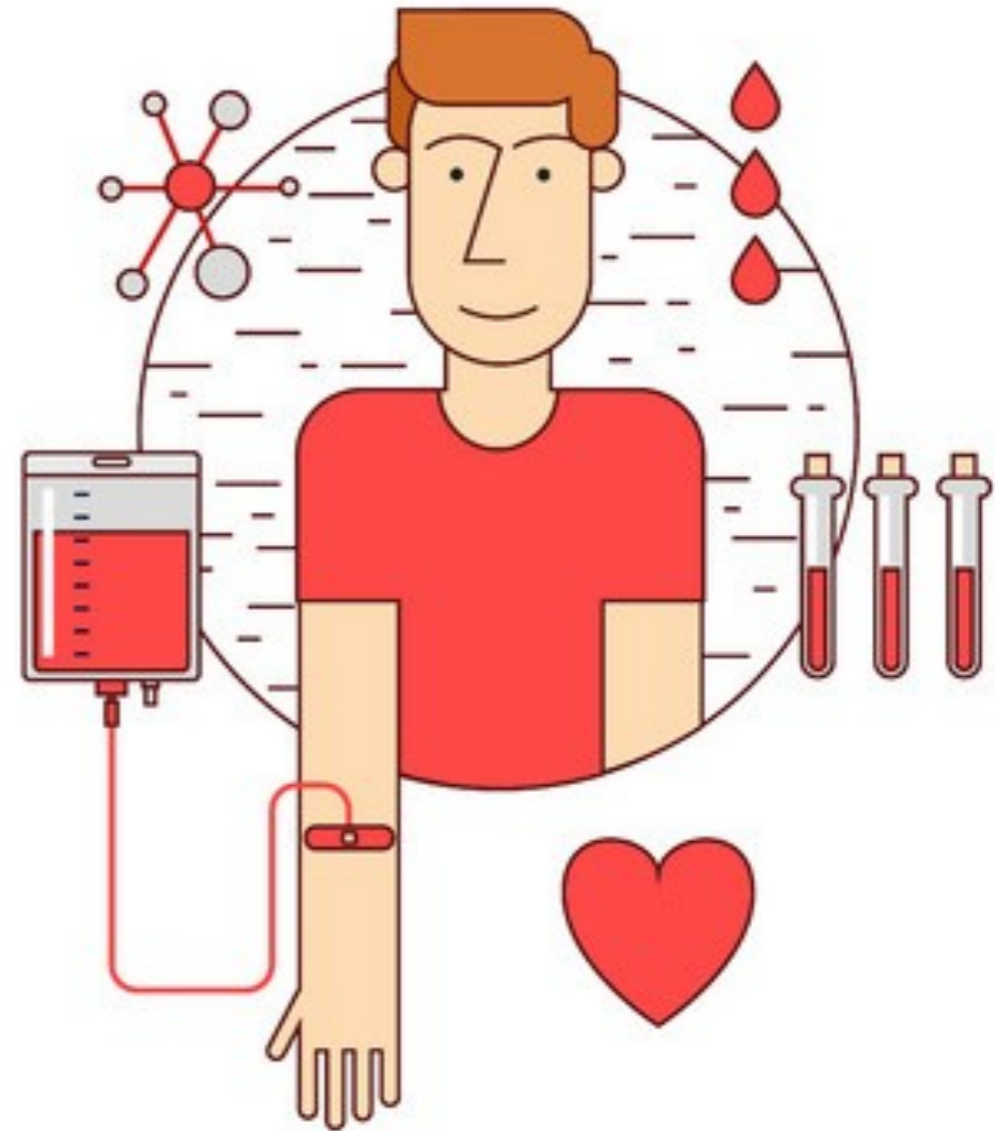
Talk Overview



Long-Term Consequences?

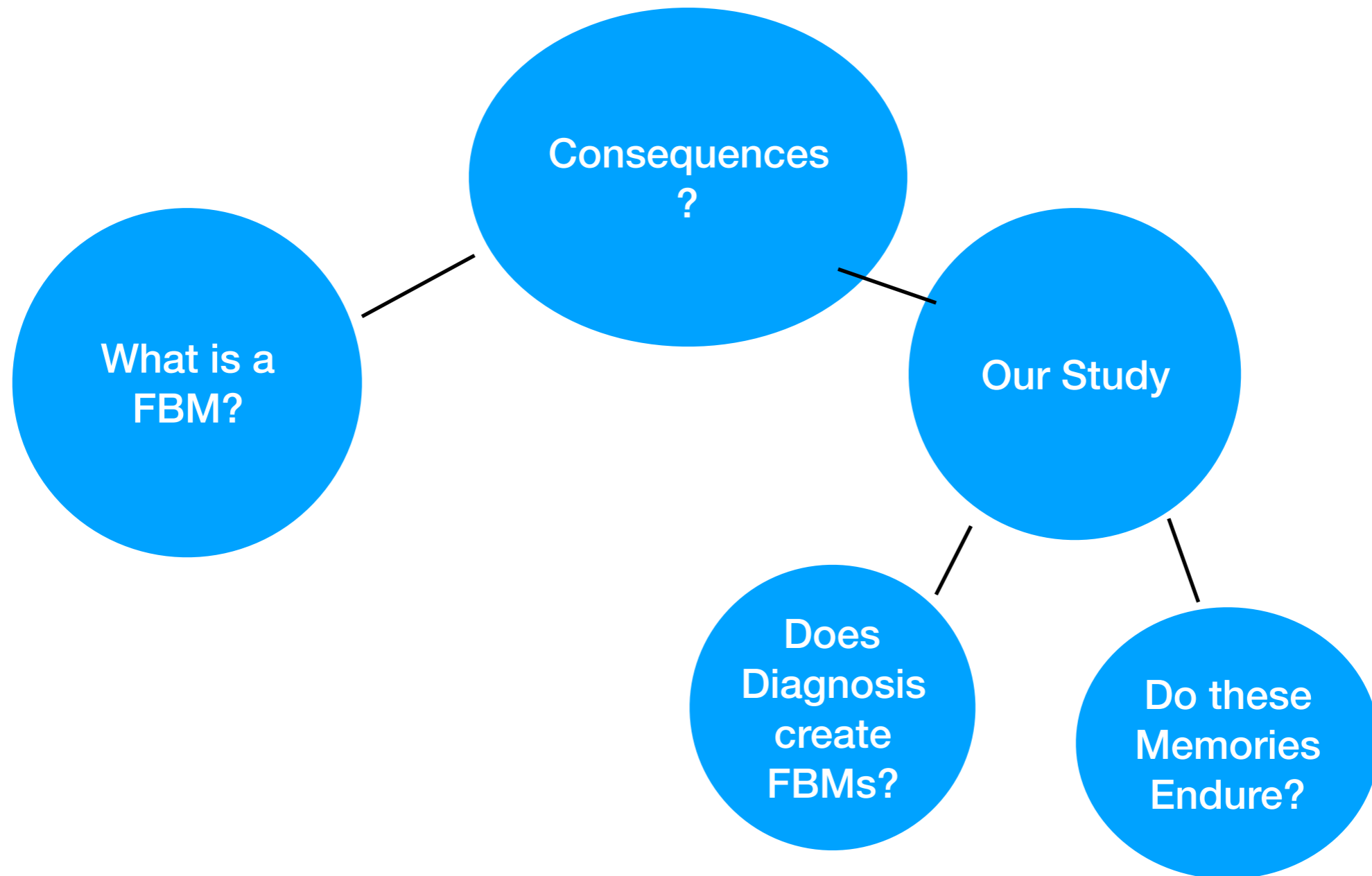


Greenberg et al. (2013)



Ford et al. (2017)

Talk Overview



Our Participants

- 310 mothers of children with Down syndrome
- Ages 21-79 yrs
- Children aged 1 month - 52 yrs.
- Recruited via Down syndrome support groups online



Materials

127-item survey administered via Qualtrics

Narrative:

Please describe how you received your son/daughter's Down syndrome diagnosis in as much detail as possible.

Please include as many details as you can including the date of the diagnosis, day of the week, time of the day, location, the weather, and clothes you were wearing.

Describe the people involved along with your thoughts and emotions.

There is no word limit for this response.

Sample Narrative Responses

“We were offered zero assistance, information, education or resources after that pediatrician left the room. I couldn’t even cry because I wasn’t so much upset as I was angry.”

Outcome Measures for the Parent

- Relationships — with child, husband, other children
- Advocacy
- Well-Being

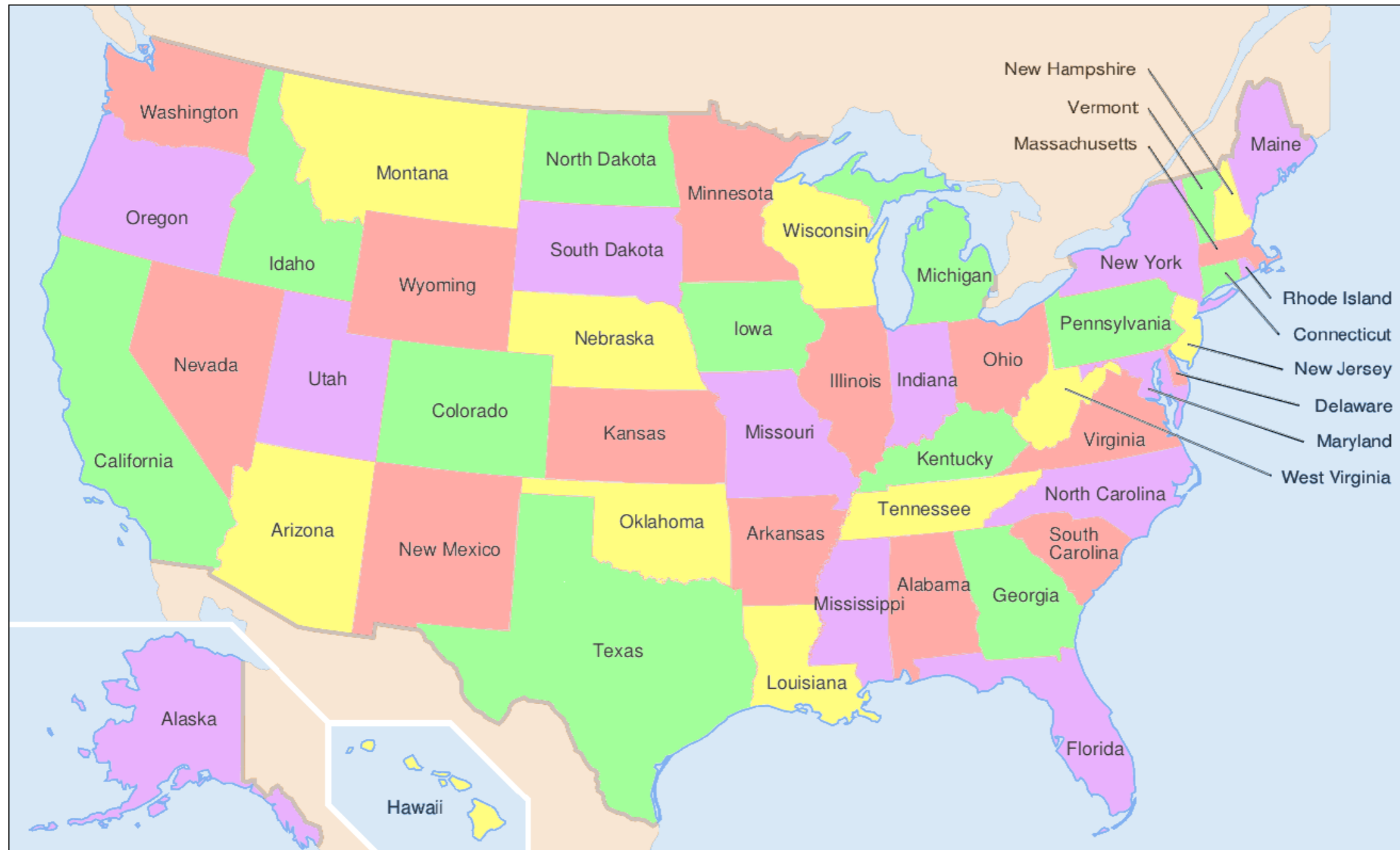


Outcome Measures for the Child

- Access to therapy
- Inclusion in school
- Participation in sports
- Enrollment in college
- Employment and independent living



Demographic Information



Narrative Scoring

FBM-Checklist	Answer	Scoring					
1. Date		0	1	2			
2. Day		0	1	2			
3. Time		0	1	2			
4. Location		0	1	2			
5. Activity		0	1	2			
6. Weather		0	1	2			
7. Clothes		0	1	2			
8. Other Details		0	1	2	3	4	5
		6	7	8	9	10	

Alternative Measures for a FBM

Talarico & Rubin (2007)

FBMs differ from regular memory by their phenomenological properties:

Recollection

Vividness

Belief

Perspective

Intensity

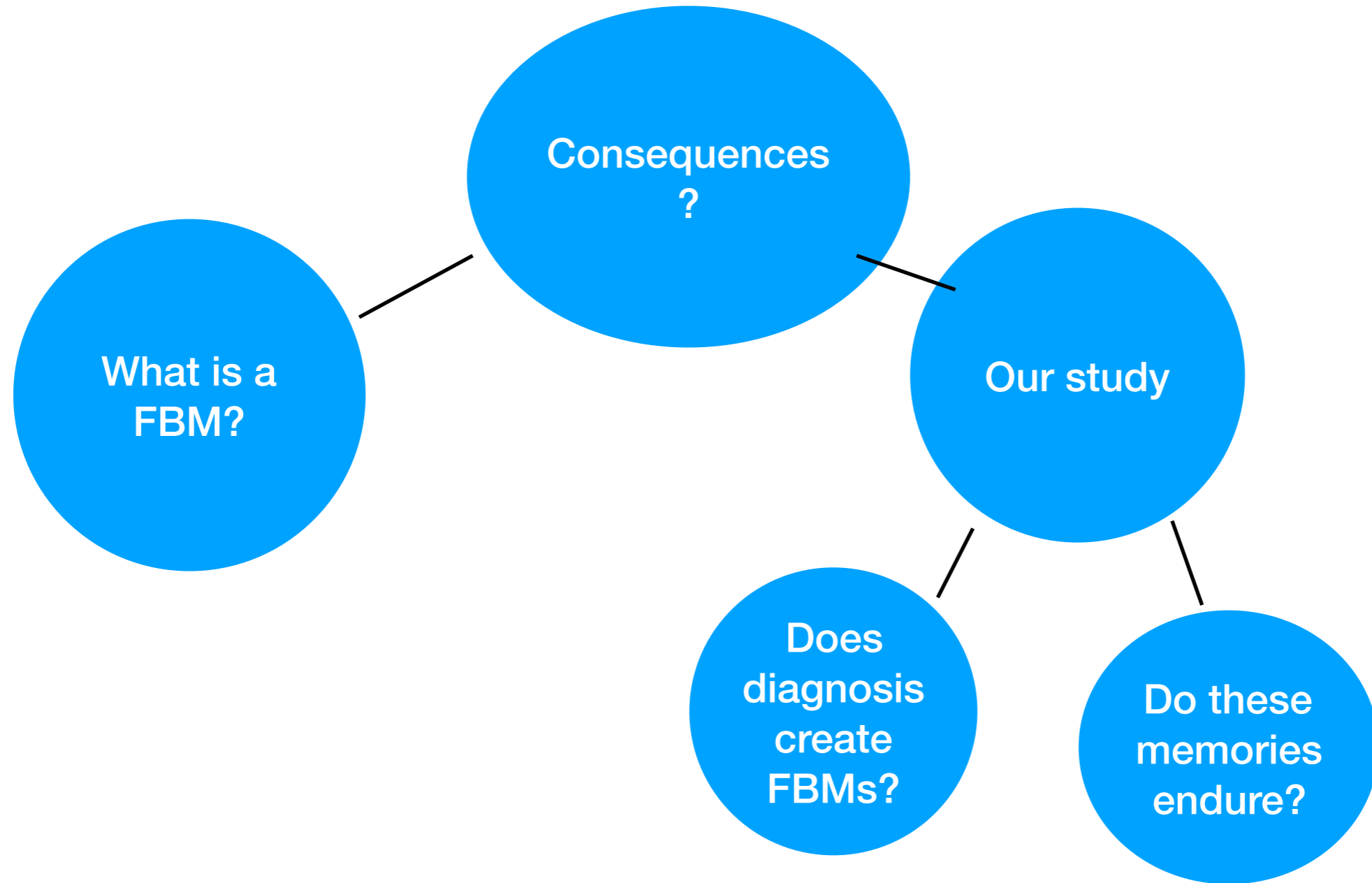
Visceral Reaction



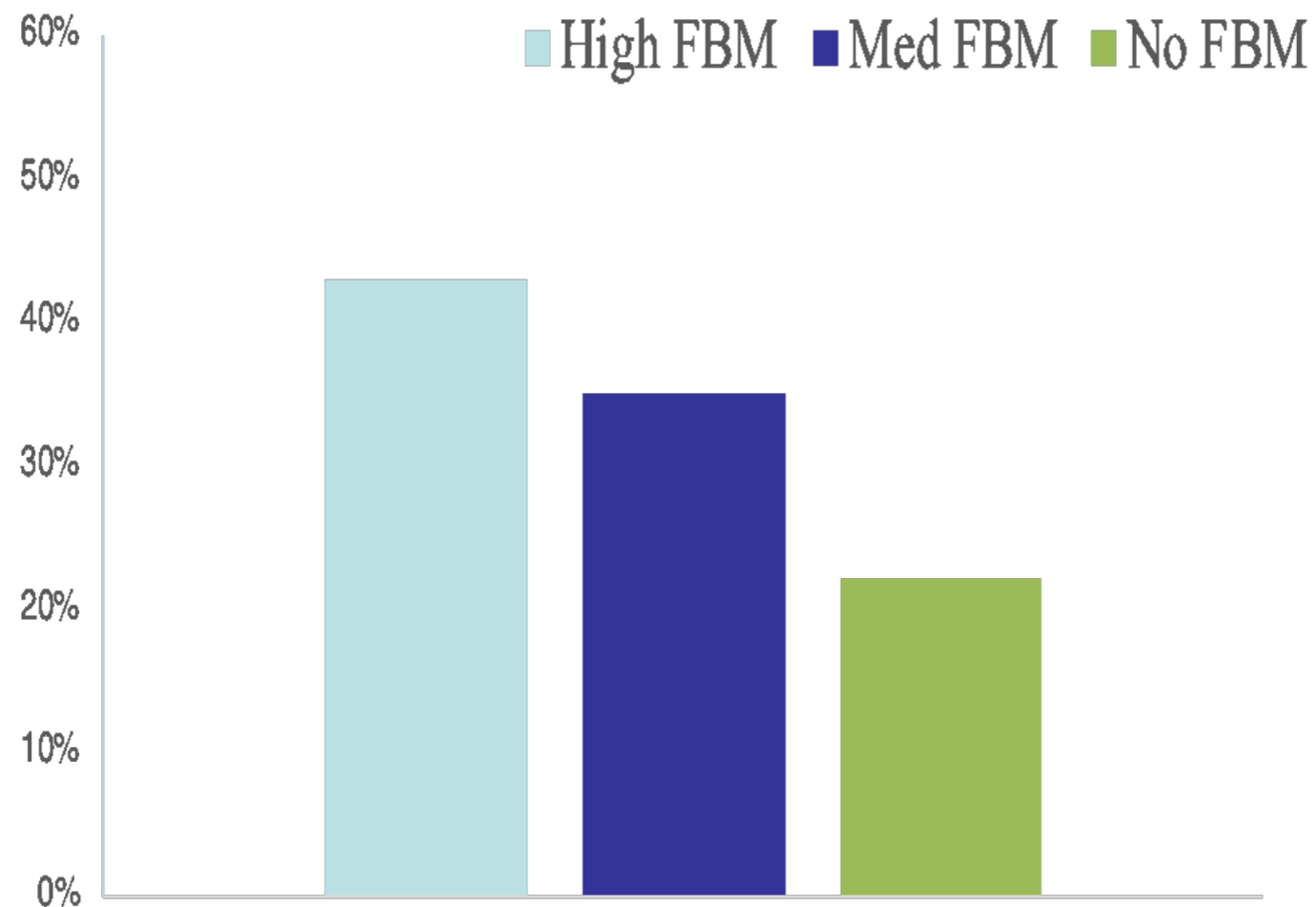
I can see the events of my son/daughter's diagnosis as clearly
as if it were happening now

Strongly disagree Disagree Somewhat disagree Neutral Somewhat Agree Agree Strongly Agree

Talk Overview



Flashbulb memory checklist scores

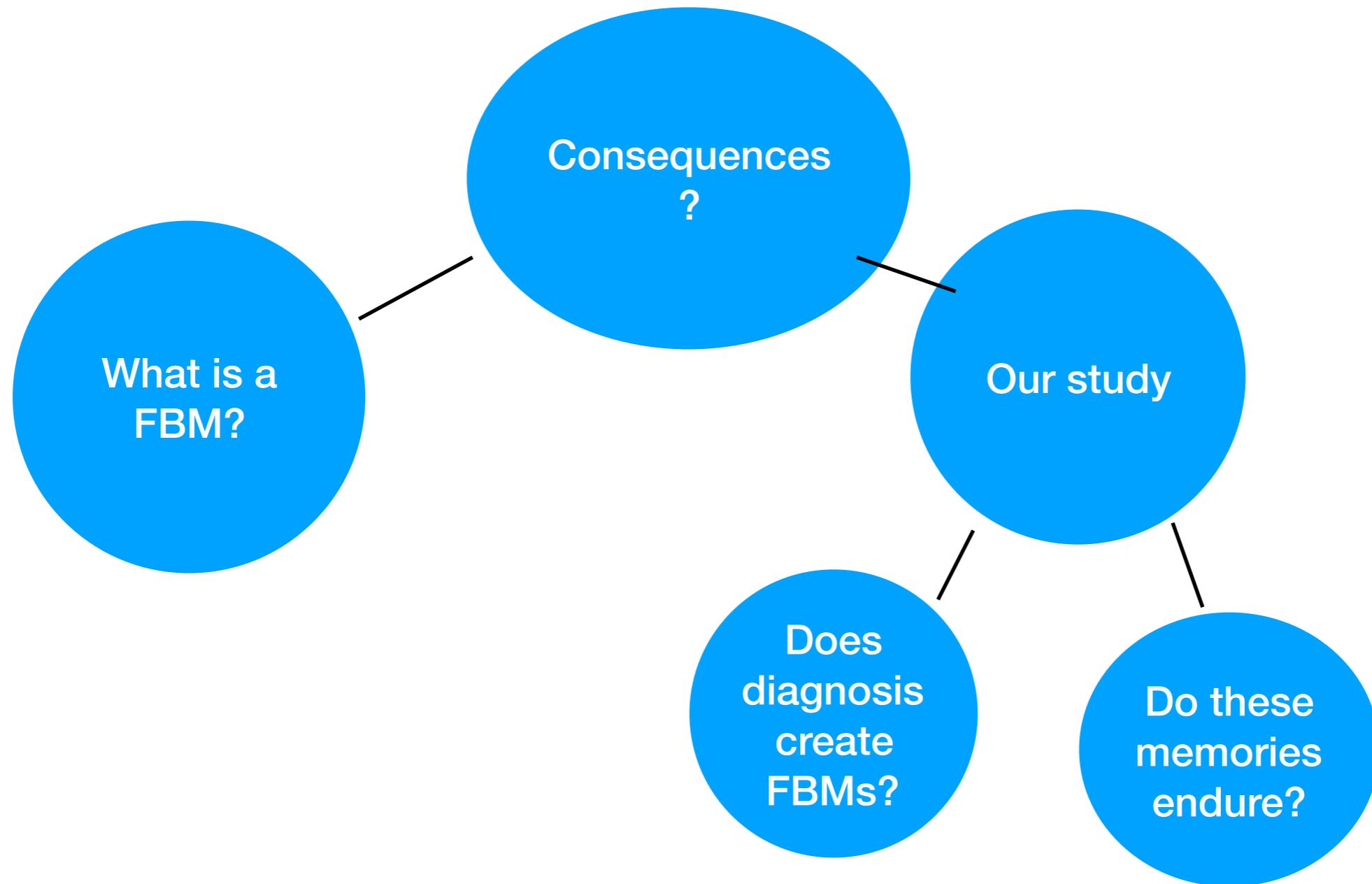


Using the FBMC checklist,
78% of all narratives qualified FBM

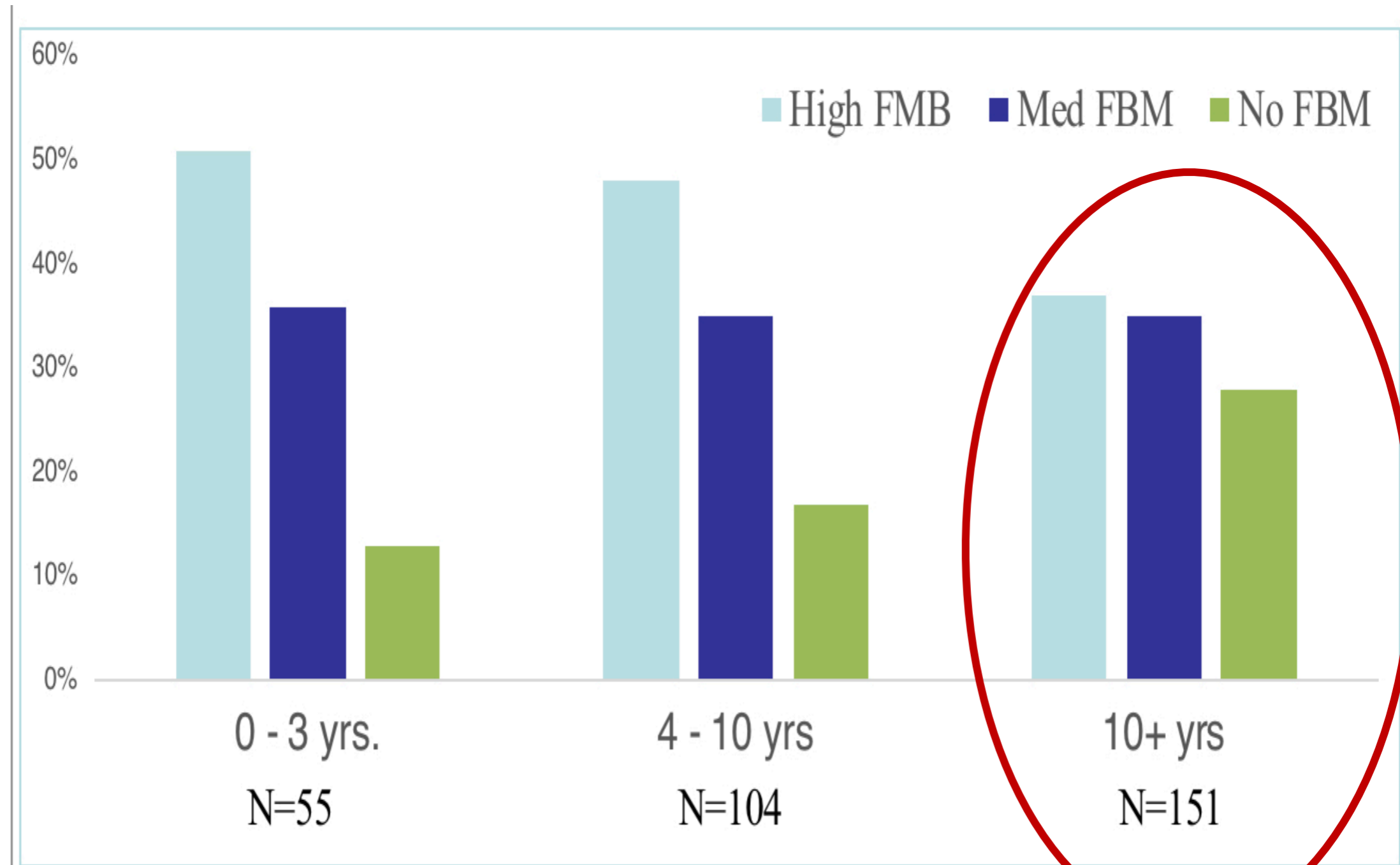
The pattern is similar for TR scores

Recollection >4	Vividness >4.7	Belief >5.5	Intensity >3.5
73%	91%	83%	70%
Visceral Reaction >2.25		Perspective >4.5	
75%		75%	

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FBM Category by Time Since Diagnosis

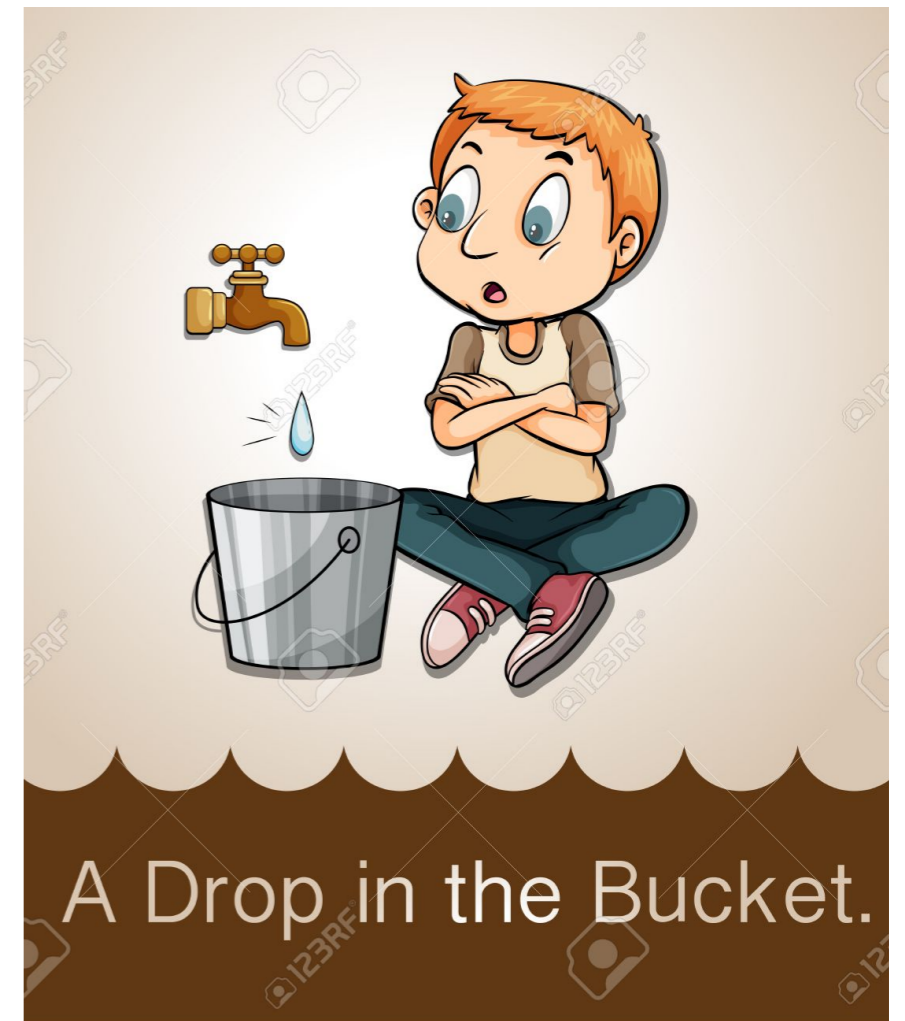


TR scores for memories 10+ yrs old

Recollection >4	Vividness >4.7	Belief >5.5	Intensity >3.5
67%	90%	66%	69%
Visceral Reaction >2.25		Perspective >4.5	
68%		69%	

Some Preliminary Findings...

- Mothers with strong FBMs were less likely to report the birth of their child as a positive experience
- Mothers who received a prenatal diagnosis were more likely to report the birth of their child as a positive experience
- Doctor - patient interaction: Emma Schultz
- Geographic differences: Ashley Layne
- Comparison across FBM measures:
Holly Fleischmann



“Unnecessarily Negative”

Skotko, Levine, &
Goldstein (2011)



A HUGE Thanks to...

- Emma Schultz
- Holly Fleischmann
- Ashley Layne
- Sarah Kingsley
- Dr. May and Dr. Ford
- URCA (MAYS funding)
- SARD

