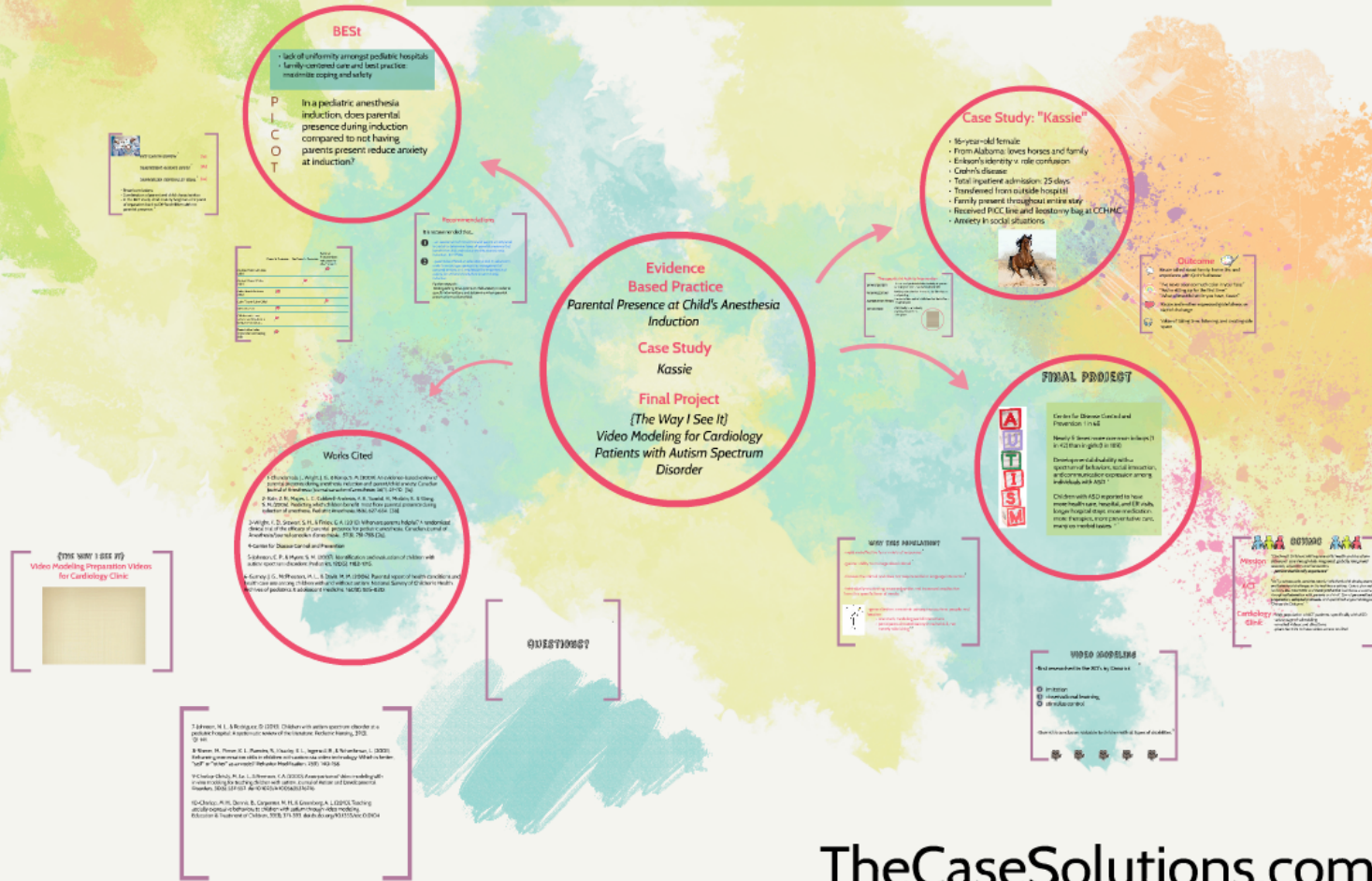
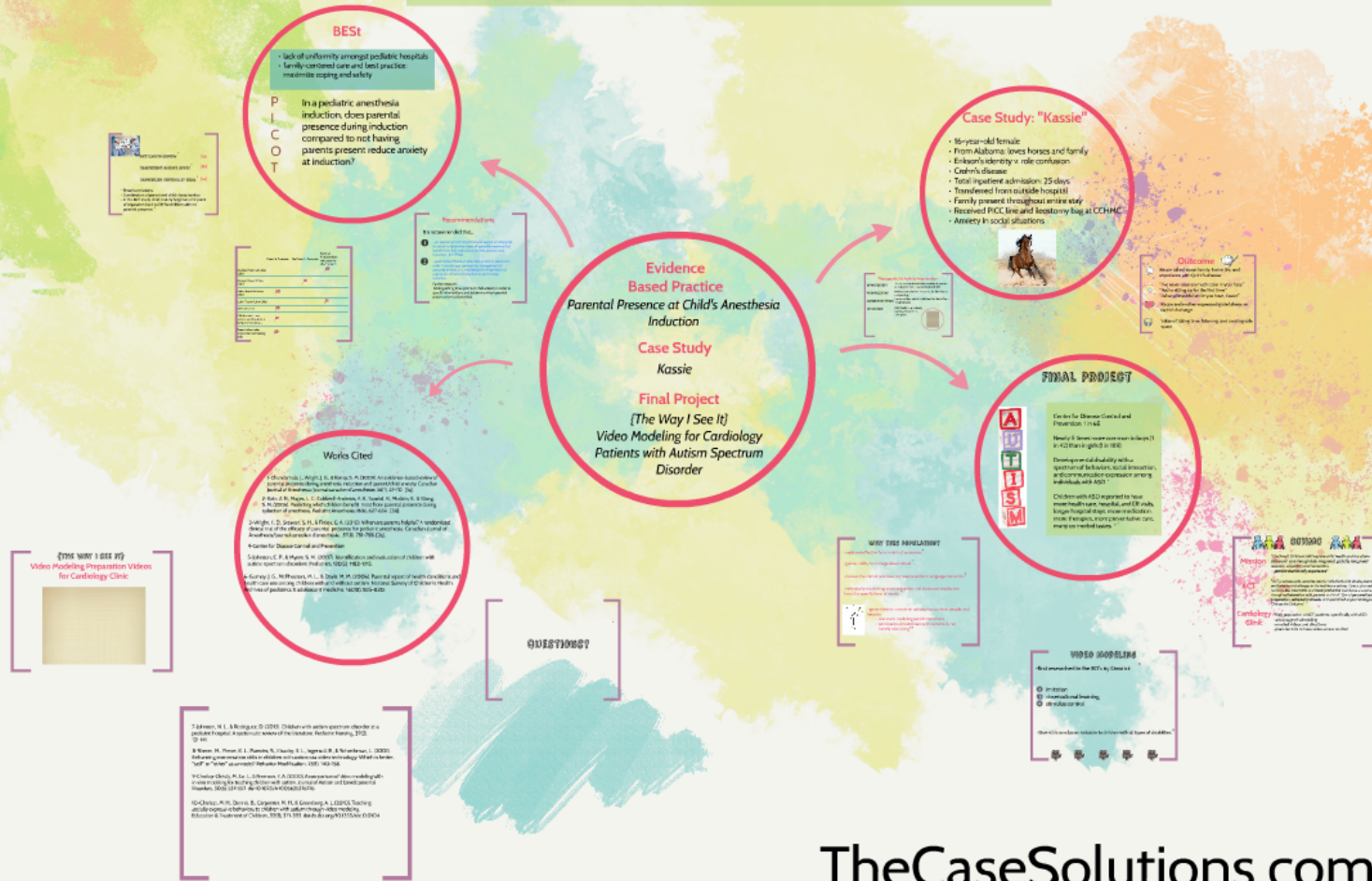


Cincinnati Children's Hospital Medical Center Harvard Case Solution & Analysis



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Case Study: "Kas"

• 16-year-old female

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Evidence Based Practice

*Parental Presence at Child's Anesthesia
Induction*

Case Study

Kassie

Final Project

{The Way I See It}

*Video Modeling for Cardiology
Patients with Autism Spectrum
Disorder*

BES_t

- lack of uniformity amongst pediatric hospitals
- family-centered care and best practice: maximize coping and safety

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In a pediatric anesthesia induction, does parental presence during induction compared to not having parents present reduce anxiety at induction?



SYSTEMATIC REVIEW¹ [1a]

PROSPECTIVE COHORT STUDY² [3b]

RANDOMIZED CONTROLLED TRIAL³ [2a]

- Broad conclusions
- Combination of parent and child characteristics
- In the RCT study, child anxiety heightened at point of separation back to OR for children with no parental presence.³

Parental Presence

No Parental Presence

Parental Presence does not appear to affect anxiety

Anxious Parent+Anxious Child



Anxious Parent+Calm Child



Calm Parent+Anxious Child



Calm Parent+Calm Child



Older children



Children with lower activity and impulsivity temperament levels



Parents who value preparation and coping skills



Recommendations

It is recommended that...

1

...an assessment of initial child and parent anxiety level is crucial to determine types of parental presence that benefit the child and reduce anxiety at anesthesia induction. (m-YPAS)

2

...parents be offered an educational tool in advance in order to encourage appropriate management of personal anxiety and emphasize the importance of coping for self and child before an anesthesia induction.

Further research:

Distinguishing time-points of child anxiety in order to specify interventions and determine when parental presence is most beneficial.