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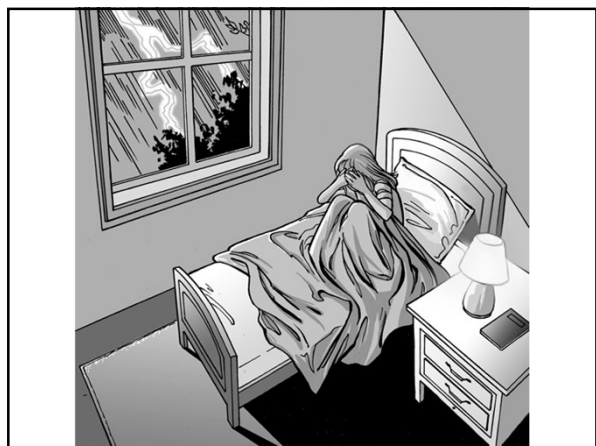
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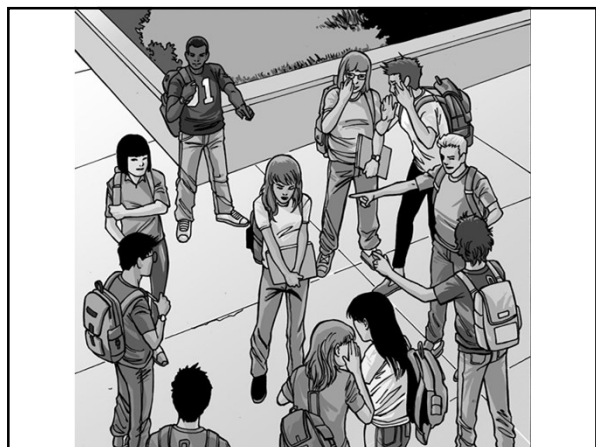
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- “What I wouldn’t give to be normal”  
– Mystique and Beast (First Class)



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### Post-Traumatic Growth



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### Superman: Clinical Application

- “I wanted to be Superman... I failed”



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### Superman: Clinical Application

- "I wanted to be Superman, I failed"
- Invincible



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### Superman: Clinical Application

- "I wanted to be Superman, I failed"
- Invincible
- Kryptonite



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### What is Superhero Therapy?

Using popular culture (books, TV shows, movies, and video games examples) in evidence-based therapies (eg CBT, ACT, DBT) to help clients become a Superhero IRL



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### Most Important Rule:

- You don't have to be the expert in pop culture
- The client is the expert !



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### Why Superhero Therapy?

- During most difficult times, people feel alone
- Might withdraw from others
- Shame is a common feature



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**Shame: I am bad.**  
**Guilt: I did something bad.**

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## Brene Brown's Research

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- *"We deny our loneliness. We feel shame around being lonely even when it's caused by grief, loss, or heartbreak"*  
Brené Brown
- Many kids suffer from periodic shame
  - Shame is "under the radar", difficult to talk about
  - The less it's talked about, the more shame compounds
- Shame has negative effects on youth
  - May underlie low mood, low self esteem, alienation
  - Drives negative behavior, compensatory attention seeking



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## Potential Triggers for Shame

Experiences of Not Fitting In related to:

• Appearance	• Sex (including 'slut-shaming')
• Body Image	• Sexual identity
• Money	• Gender identity
• Mental health	• Religion/Cultural identity
• Physical health	• Surviving/experiencing trauma
• Addiction	• Race/ethnicity
• Homelessness	• Divorce

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## How shame shows up in mental health



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**Social Connection**

- Getting connected with people and meaningful activities helps restore functioning
- *"It's not that misery loves company, it's that company is the antidote to misery"*  
- Kristin Neff

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**Ant-Man Example**



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**RESEARCH**



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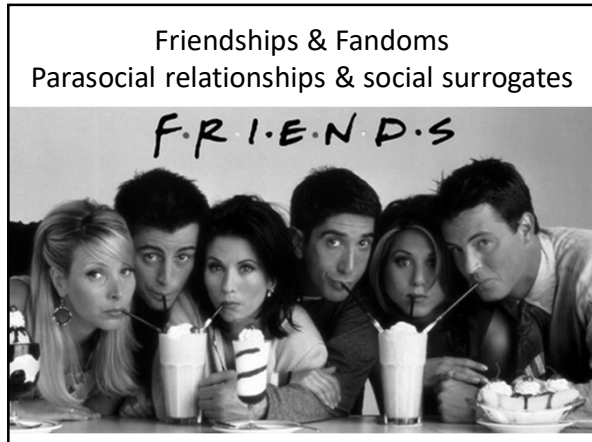
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Reduced Loneliness/Rejection Feelings

- When lonely, participants watched favorite TV show (eg FRIENDS) rather than “whatever was on TV”
  - Not escapism, but a need for connection
- Watching favorite TV show allowed for participants to feel significantly less lonely

Derrick, J. E., Gabriel, S., & Hugenberg, K. (2009).

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Reduced Loneliness/Rejection Feelings

- When recalling a fight with a loved one, felt *rejected* and *lonely*
- Significant reductions in these when writing about favorite TV show (FRIENDS) but not neutral show nor academic achievement

Derrick, J. E., Gabriel, S., & Hugenberg, K. (2009).

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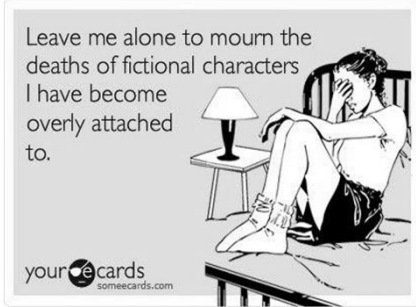
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### Background Social Science Research: Parasocial Relationships & Social Surrogacy



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### Superhero Priming



- Superhero priming (e.g. through pretending to be one or playing VR game) increases helping Bx (eg in pencil drop) – Rosenberg et al (2013)
- Superhero poses can increase helping Bx (Peña & Chen, 2017) & self-esteem (Cuddy et al, 2015)

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### Healthier Food Choices



- Cornell University
- Children were asked to pick between apples and French fries
- Only 9% chose apples
- When primed with admirable heroes, like Batman, nearly 50% chose apples  
Wansink et al. (2012)
- \*Dressing up also helps maintain attention on task  
White & Carlson (2015)

White & Carlson (2015)

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### Sexual Assault Awareness for Children

- Marvel and National Committee for Prevention of Child Abuse (NCPCA)( 1984 and 1985 )
- Spider-Man discovers that a little boy was sexually abused by his babysitter
- Spider-Man shares with him his own story of being sexually abused by a young man
- Boy is later able to report the incident to his parents with Spider-Man's help



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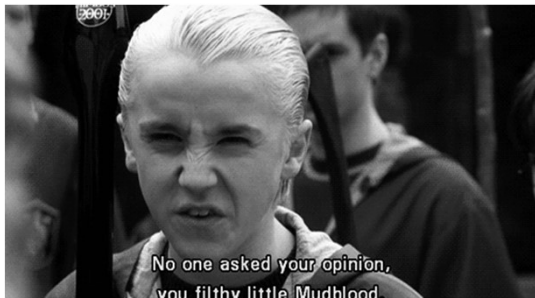
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### Research: HP Boosts Compassion



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### Research: HP Boosts Compassion



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Harry Potter  
Neuroimaging Studies

- Reading about Harry Potter's struggles activated compassion and empathy centers of the brain (anterior insula and cingulate cortex)  
– *Hsu et al., 2014*
- Reading Harry Potter also increased the activation in the left amygdala, related to conscious emotion processing and pleasure  
– *Hsu et al., 2015*

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PTSD + Loneliness = Social Surrogacy



- College students filled out self-assessments
  - Trauma history, loneliness, social surrogacy via books, TV, etc. for connection
- Results: people w/trauma exposure more likely to turn to social surrogacy when lonely.

Gabriel et al. (2017)

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Clinical Applications



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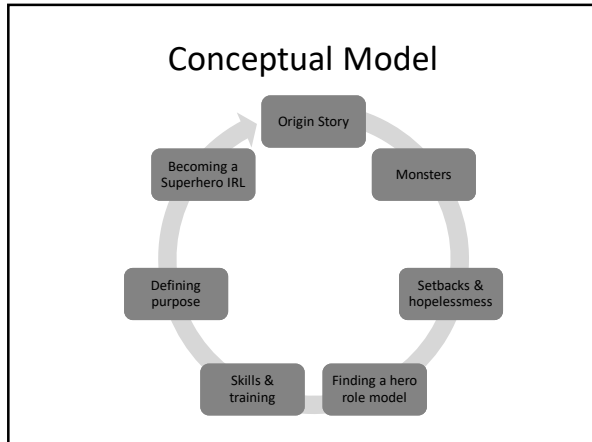
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### Defining One's Own Superhero Origin Story

Telling and retelling our "origin story" can reduce PTSD symptoms

A black and white photograph of a person sitting in a dark, cluttered alleyway. The person is in the center, looking towards the camera. The alleyway is narrow, with trash cans and debris on either side. The lighting is dramatic, with strong shadows and highlights.

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### Scripting One's Own Origin Story

An illustration of a clipboard with a blank sheet of paper. The clipboard is tilted slightly to the right. The paper is completely blank, suggesting a space for writing or scripting.

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### Who is Your (Super)Hero ?

- Can be real life or fictional
- Someone who is a figure of great strength and wisdom
- What do you admire about them ?

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### Your Hero's Message

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### From Origin Story to Core Values

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What would Veronica do?



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What if my client likes a villain?

- Joker
- Harley Quinn
- Dexter
- Darth Vader
- Voldemort



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What is it that the client likes?

- Rarely do they like that the character is a killer, so not usually an indication of HI
- Usually, an unmet need:
  - feeling constrained by work and other obligations
  - *Example: Harley beating up people who didn't visit her client in the hospital*
- Often, wanting to play more, wanting to be free, and wanting to be ok with having more fun



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### Villain Example:



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### Let's Be Everyday Heroes

- YOU MATTER – YOU MAKE A DIFFERENCE !
- Keep Superheroing : Don't forget your cape !



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### Case Example

- James is a 34-year-old, married, Caucasian male,
- Seeking therapy for anger at work.
- Easily irritated, he has low motivation, anhedonia, low mood, poor appetite and sleep, trouble concentrating, passive S/I, and practiced minimal self-care.
- His 8-month relationship with his wife, of Indian descent, was strained, and they were preparing for their wedding.
- Losses in childhood – parents divorced at 3, raised by his mother and stepfather, moved often, lost friends to drugs and accidents.
- He currently thinks about and has acted on extramarital thoughts.
- Guilt and shame.
- Drinks to cope.
- James has a managed, but contractable, STD eliciting further shame, and he does not always disclose this to partners.
- He has social anxiety, and compensates w/ overconfidence.
- Avid Star Wars fan. He owns 3 guitars.

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### Course of Treatment

- IOP - met with 4 days/week, 2 hours/day
- Building rapport – Ahsoka to your Anakin
- Identifying James’ origin story
- Identifying ‘monsters’ – memories, automatic thoughts
- Discovering core values
- Value-driven action
- Becoming a #SuperheroIRL

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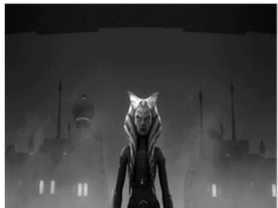
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### Course of Treatment (Guiding theme)

- Jedi vs. Sith vs. Bendu - finding balance
- Inner wisdom - "Within you, balance lies"





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### Discovering the middle path

- Guiding the approach to treatment throughout

## BENDU

SPECIES: UNKNOWN

Little is known of Bendu. Though he is a Force wielder, he does not subscribe to the philosophies of the Jedi or Sith, identifying himself as, "the one in the middle."



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### Course of Treatment (cont.)

- Session 1 – Origin story - what do I know about myself?
  - HW of guitar playing and exercise. Finding “inner hero” Yoda
- Session 2 – Mindfulness practice, identifying ‘monsters’
  - STD – shame, guilt, “I deserve this”
  - Relationship/Infidelity – shame, guilt, “I’ll never be happy,” “I can’t be in a healthy relationship”
  - Alcohol – frustration, anger, “alcohol is gonna help”, urges, shame
  - Anger – anger, “I deserve this”, wife, interactions with his in-laws
  - Depression – hopeless, sad, “it’ll never get better,” “I’m not worth saving”
  - Social anxiety – “they’re going to see me”, physiological sensations

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### Issues work

- Identifying with the villain (Anakin/Darth Vader) – desire for love

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### Course of Treatment (cont.)

- Session 3 – Reducing experiential avoidance -> a painful memory (screaming in woods) and a pleasant memory (electricity - Anakin).
  - HW: “Inside Out” (contact with the present moment), “Star Wars: The Clone Wars” (mindfulness), and reading “Old Man Logan” (self-as-context)
- Session 4 – First conversations about value based action – pursuing searching for a new job. Exploring nature of relationship with his wife, compared to others.
  - Identifying strengths/values – building the lightsaber (mindfulness/strengths)

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### Identifying Values

- Independence
- Physical health/fitness
- Learning
- Leisure
- "Star Wars"
- Relationships

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### Course of Treatment (cont.)

- Session 5 – Abandoned; “I leave before they can leave”; depression – lazy and tired. Value driven action of active listening to his wife.
  - Obi-wan Kenobi and empathy
  - HW: Loss timeline and “memento”
- Session 6 – Story about the “man on the bench” and empathy for self and others (self-compassion), anger – weak, “out of control”.
  - HW: Mindful guitar, boxing(values driven action)

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### Course of Treatment (cont.)

- Session 7 – Anger in relationship primary, at work secondary.
  - Reckless proposal, stupid going through with it (core beliefs).
  - Anakin and not being swayed by Darth Sidious; “I can’t turn back now”. Values of family, friends, community – not pursuing
  - HW: Active listening
- Session 8 – Blow up at home, ‘the big question’
  - Conflict about ending it, breaking down, lack of confidence in knowing what to do – “be here, now”.
  - “I’ll feel like a fraud”
  - HW: Running and playing guitar, Star Wars to reduce experiential avoidance

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**Course of Treatment (cont.)**

- Session 9 – Role-play using all these skills for conversation about couples counseling.
  - Cultural issues from his wife’s end.
  - Spoke to his father-in-law.
  - Saw his wife’s phone - possible divorce upcoming?
  - HW: Begin DBT skills training group

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**THE END OF JAMES’ STORY**

- Pursued couples counseling for several weeks
- James continues with individual sessions
- Jesse receives individual therapy as well
- Her drinking behaviors escalate as he becomes more grounded and dynamics shift.
- Wedding approaches rapidly.
  
- Never been happier

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**Treatment Integration**

- Sessions while jogging, discussing anger. Choosing a “different path from Anakin”
- ‘Star Wars: The Clone Wars’ nightly, journaling f/ tagline of each episode; following character arcs (Ahsoka, balance)
- ‘Mr. Nobody’
- ‘The Beauty’

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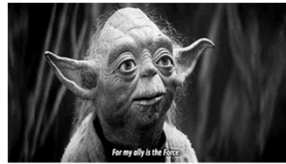
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### 'The Force'

- Light side (Jedi) ↔ Bendu ↔ Dark side (Sith)
  - Challenging 'monsters'; increasing psychological flexibility
- Using the force to identify needs
- "Becoming Yoda"




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### Case Examples

Learning about a new thing –

- Peter – fictional world and creating "countries" for each conflict, and how they would handle things, not exploring the entire world.
- Mindfulness w/ favorite shows and tracking each time characters said a certain phrase; using cartoons to help with exposures and pleasant activity scheduling

Existing media –

- Sarah – "Castaway" to overcome stuck points related to loneliness and lack of connection with others, identifying goals of survival

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### Case Examples (cont.)

- Social Anxiety exposures - comic book store and make conversation with employees, instead of purchasing and leaving.
  - Ask for specific issues, ask but don't purchase.
  - Places with some sensitivity to social isolation
- Gregory – struggles with alcohol addiction, avoidant, substance abuse, intrusive thoughts, lack of connection, chasing physical intimacy over connection.
  - Read 3 times in one weekend. Increased openness to addressing H-OCD thoughts

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## Star Wars Experiential Meditation

- Come with me now, if you would, on a journey across space, to a galaxy far, far away.
- Create your own lightsaber



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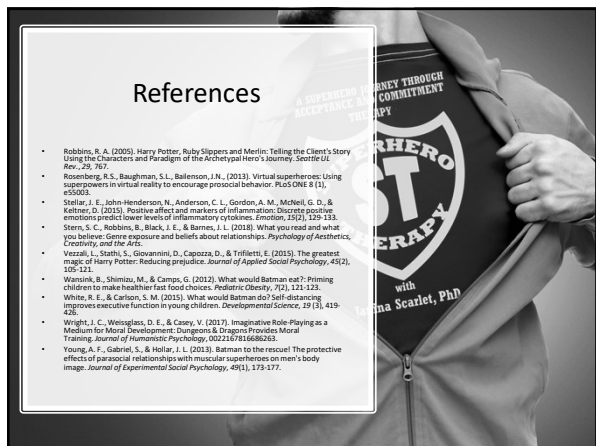
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