

Study protocol: Group based Acceptance and Commitment Therapy for adolescents with functional somatic syndromes – a randomized trial

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Background

Over the last 3 decades, an increasing number of adolescents report recurrent functional somatic symptoms, i.e. somatic symptoms not attributable to any known conventionally defined physical disease.

Epidemiological studies illustrate that 5-10 % experience persistent symptoms and reduced functioning and may receive diagnoses for functional somatic syndromes (FSS) such as chronic fatigue syndrome (CFS), fibromyalgia (FM), recurrent abdominal pain/irritable bowel syndrome (IBS) or idiopathic pain syndrome, characterized by severe disability and reduced quality of life.

Unfortunately, despite the high need for care, there is yet a lack of empirically supported treatments for these adolescents.

Aim

To examine the efficacy of group based Acceptance and Commitment Therapy (ACT) for adolescents with severe FSS.

Method and design

Patients

120 adolescents aged 15-19 years Diagnosed with severe functional somatic syndromes

Block randomization

1. Standard treatment: Consultation with psychiatrist and treatment as usual 2. Standard treatment plus manualized ACT based group therapy

Outcome measures

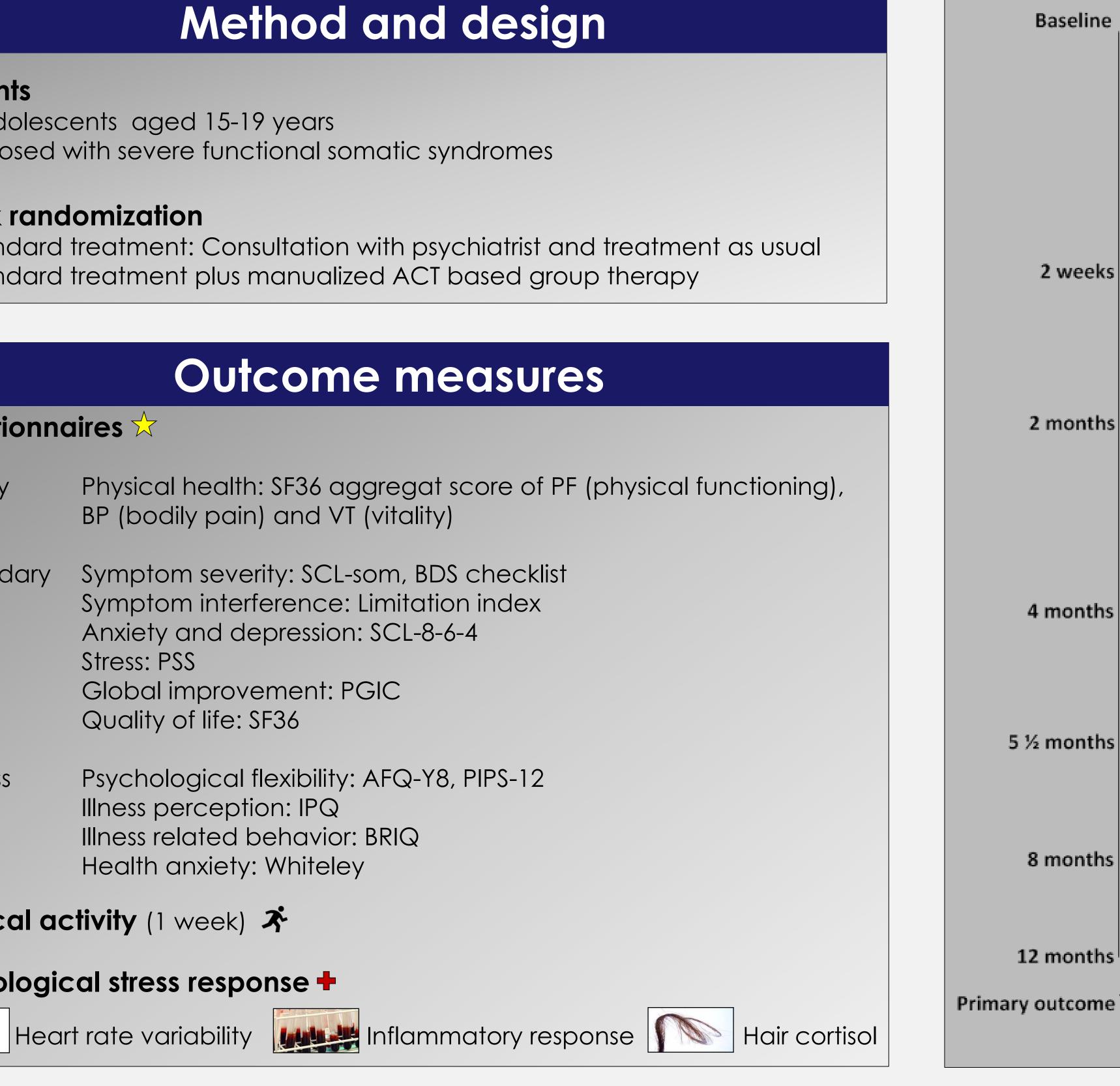
Questionnaires 🔀

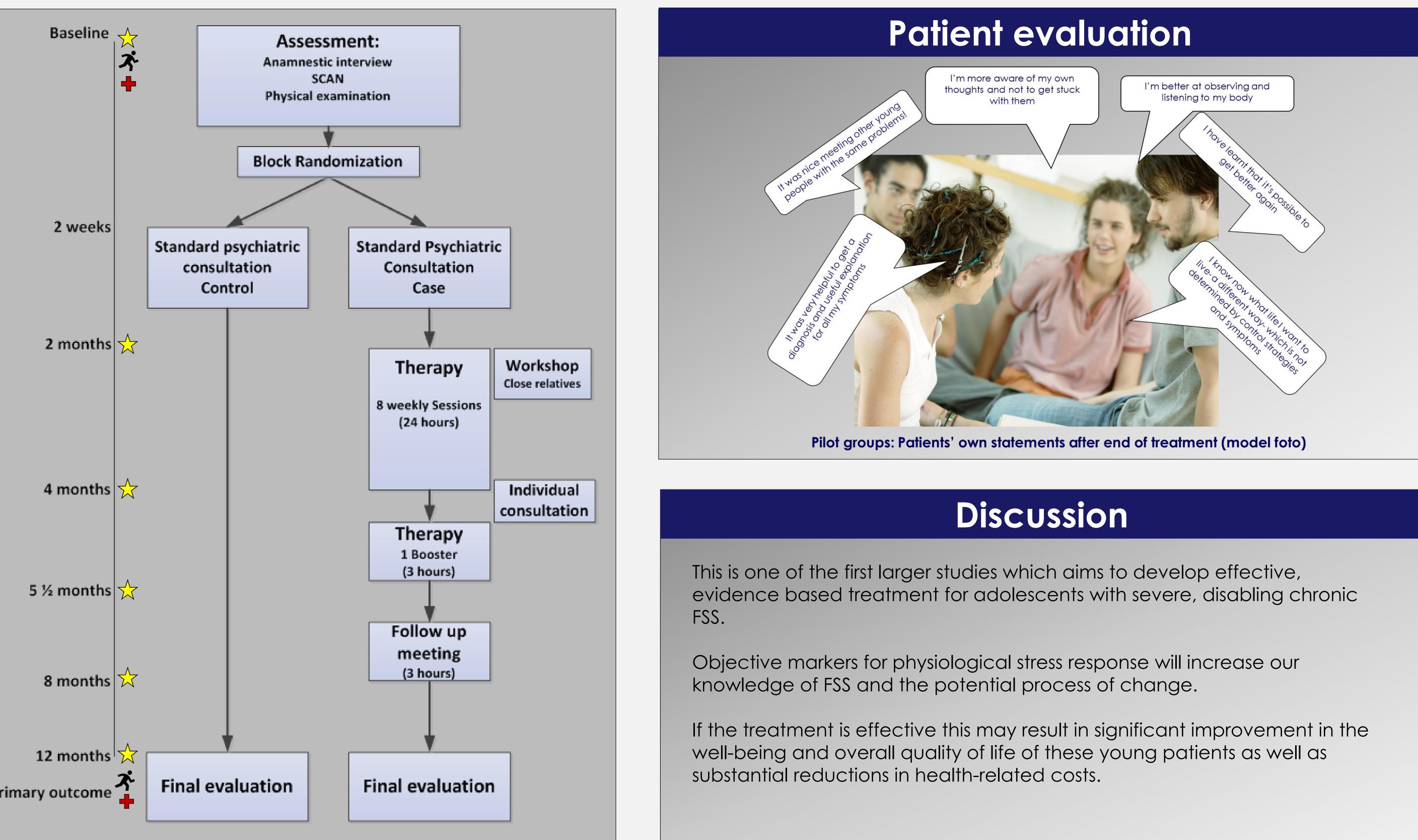
Primary	Physical health: SF36 aggregat score of PF (phys BP (bodily pain) and VT (vitality)
Secondary	Symptom severity: SCL-som, BDS checklist Symptom interference: Limitation index Anxiety and depression: SCL-8-6-4 Stress: PSS Global improvement: PGIC Quality of life: SF36
Process	Psychological flexibility: AFQ-Y8, PIPS-12 Illness perception: IPQ Illness related behavior: BRIQ Health anxiety: Whiteley
Physical activity (1 week) ズ	
Physiological stress response 🕇	

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Treatment

Specifically developed for adolescents with severe FSS







Psychoeducation on BDS and treatment agenda Personal values and barriers: observe the inner struggle Behavioral analysis to avoid the unpleasant and the Self as context: Can you be your own best friend? Defusion: You are not your thoughts Self compassion: Kindness to yourself Present here and now: long mindfulness exercises 8th session: Where do I want to go from now and what might stop me? 4 weeks What should your future direction be? 12 weeks

10th session: Follow up meeting: Follow-up and relapse prevention