In the workshops, 11 patients and 130 nurses participated. Eligible adult patients, diagnosed with a rheumatic disease, were recruited by newsletter from the Dutch Arthritis Foundation. Nurses were recruited by newsletter from the Dutch Nurses Organisation (V&VN).

According to participants, the framework alone is only useable when additional explanation and illustration of concepts will be provided and following missing topics are added; communication between specialisms, knowledge of the health-care system, responsibility allocation, faith, religion, culture, nutrition, lifestyle, prevention.

The self-management web appeared to be helpful. Not all cards with needs could be placed in this web. It was suggested to add following topics to the web: Peer support or experience experts' contact, handling treatment recommendations, patient empowerment, defining limitations and supporting services like physiotherapy and municipality.

There is overlap between topics of the web: Lifestyle, leisure and self-care. It was suggested to place associated topics together or give the same colour.

Practical ideas for application of the web and about involving an experienced expert were discussed as well as the role of health professionals. Integration in e-health, linked to the medical file with visual support is preferred. Patients have to prepare themselves for consulting the nurse or doctor.

Communication plays a very important role for all elements. The tool should be usable for people with limited health literacy skills and nurses need skills like motivational interviewing for using the tool.

Conclusion: Existing frameworks seem useful as a scientific basis for the development of a communication tool for self-management support. Usability of a draft tool will be explored in a pilot study.

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FRI0627-HPR COGNITIVE DISORDERS IN SYSTEMIC LUPUS ERYTHEMATOSUS WITH JUVENILE-ONSET: ONE SINGLE CENTER EXPERIENCE

M. Kaleda¹, N. Stepanenko¹, I. Nikishina¹, V.A. Nasonova *Research Institute of Rheumatology, Pediatric Department, Moscow, Russian Federation*

Background: Juvenile-onset SLE (jSLE) is a more aggressive disease than in adults due to several reasons including cognitive dysfunction, significantly affected the compliance and social rehabilitation of patients (pts).

Objectives: To analyze the cognitive, emotional and communicative status of pts with jSLE.

Methods: The study included 31 pts (90.3% girls) with jSLE, verified in accordance to SLICC criteria 2012. All pts underwent standard examination in accordance with the diagnosis; in case of suspected neuropsychiatric disorders pts were examined by a neurologist, psychiatrist. Classifying of neuropsychiatric disorders was performed in accordance with the recommendations of the ACR, 1999. SLEDAI 2K was used for disease activity assessment. All pts were examined by a clinical psychologist using the standard pathodiagnostic testing.

Results: The median age at the onset was 12.0 y.o. [10.6;14.5]. The median disease duration at the time of diagnosis - 0.75 ys [0.5;2.1]. 35.5% pts had neuropsychiatric disorders at the onset: psychoses - 12.9%, headaches - 12.9%, cognitive disorders - 19.4%, mood disorders - 16.1%, distal polyneuropathy - 12.9%. MRI of the brain was performed in 15 pts: CNS vasculitis was diagnosed in 3 pts (2 - with psychosis, 1 - with cognitive impairment). Median disease activity by SLEDAI at the time of diagnosis was 15 scores [10;23].

At the time of examination by the clinical psychologist, the median age of pts was 15.2 ys [12.9;16.5]. The median disease duration was 1.1 ys [0.6;3.8]. Cognitive disorders were detected in 96.8% of the pts. The auditory-speech short-term memory was distributed between the medium and high levels (54.8% and 45.2%, respectively), and the high level of memorization prevailed in the long-term memory (67.7% high, 32.3% medium). A high level of indirect memory was revealed in 67.8% of pts, medium - in 25.8%, and low - in 6.4%. Distribution of the difficulties of attention were identified (64.5% - uneven distribution, 35.5% - sufficient distribution), as well as increased attrition of attention (74.2% - attrition is detected, 25.8% - no attrition). 58.1% of pts demonstrated a high level of inclusion into work, 41.9% - a low one. Concentration of attention was recognized as sufficient in 87.1% of pts, insufficient in 12.9%. The effectiveness of attention was rated as

good in 87.1%, decreased - in 12.9%; stability is sufficient - in 64.5%, low - in 35.5%. In the operational side of thinking, a decrease in the level of generalization was revealed (48.4%); there were no disturbances in the motivational component, lability of thinking in the dynamic (12.9%). Various neurotic fears are characteristic for 54.8% of pts; the level of personal anxiety was increased in 41.9%, moderate - in 48.4%, low - in 9.7%. Signs of aggression were revealed in 19.4% of pts, a decrease in the level of social adaptation - in 51.6%. Communication difficulties experienced 83.9% of pts. According to the results of the clinical conversation, attention was focused on availability of conflict situations with peers in the disease onset in 38.7% of pts.

Conclusion: Cognitive disorders were detected in the majority of pts with jSLE, regardless of the presence of neuropsychiatric disorders at the onset. The revealed features of the clinical and psychological status of pts with jSLE must be considered when working out an individual rehabilitation model and develop psycho-correctional programs.

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FRI0628-HPR EVALUATING A COMPLEX PACKAGE OF CARE IN THE EAST-MIDLANDS KNEE PAIN FEASIBILITY COHORT RANDOMISED CONTROLLED TRIAL

P.A. Nomikos^{1,2,3}, A. Fuller^{1,2,3}, M. Hall^{1,2,4}, B. Millar^{1,2,3}, R. Ogollah⁵, M. Doherty^{1,2,3}, R. Nair^{2,6,7}, D. Walsh^{1,2,3}, A. Valdes^{1,2,3}, A. Abhishek^{1,2,3}.
¹NIHR Nottingham Biomedical Research Centre, Nottingham, United Kingdom; ²Pain Centre Versus Arthritis, University of Nottingham, Nottingham, United Kingdom; ³Academic Rheumatology, University of Nottingham, Nottingham, United Kingdom; ⁴School of Health Sciences, University of Nottingham, Nottingham, United Kingdom; ⁵Nottingham CTU, University of Nottingham, Nottingham, United Kingdom; ⁶Institute of Mental Health, University of Nottingham, Nottingham, United Kingdom; ⁷Division of Psychiatry & Applied Psychology, University of Nottingham, Nottingham, United Kingdom

Background: The role of nurses in managing painful knee OA has been advocated but whether nurses can deliver such interventions as a package of care is unknown. The overall aim of this research is to develop and test a nurse-led complex intervention for knee pain comprising non-pharmacological and pharmacological components. In the first study phase, we report on fidelity and acceptability of a non-pharmacological intervention, to resolve possible challenges to delivery.

Objectives: To evaluate fidelity of delivery and acceptability of non-pharmacological components of a complex intervention.

Methods: This was a mixed-methods study. Participants with chronic knee pain were recruited from the community to receive the intervention, delivered in 4-sessions over a 5-week period by a trained research nurse. The intervention consisted of holistic assessment, patient education and advice, aerobic and strengthening exercise and weight-loss advice if required. All sessions were video-recorded. Fidelity checklists were completed by the nurse (nurse-rated) and two researchers from the video-recordings (video-rated). Median fidelity scores (%) and interquartile ranges (IQR) were calculated for each component and each session. Semi-structured interviews were conducted with participants. These were audio recorded, transcribed and analysed following the framework approach.

Results: 18 participants (34% women), with a mean (SD) age and BMI of 68.7 (9.0) years and 31.2 (8.4) kg/m², took part in the study. Of these, 14 completed all visits. In total, 62 intervention sessions were assessed for fidelity. Overall fidelity was rated high by both nurse-rated scores (97.7%) and video-rated scores (84.2%). The level of agreement between nurse-rated and video-recorded methods was 73.3% (CI 71.3, 75.3) and the inter-rater agreement was 65.5% (CI 60.3, 70.5). Fidelity of delivery was lower for advice on footwear modification and walking aids in all sessions and moderate for education in session 1 and for exercise in session 4 (Table 1).

Table 1. Fidelity scores of the components of the intervention for each session,

Intervention components	Session 1*	Session 2*	Session 3*	Session 4*
Education	78.1 (74.1, 93.7)	87.5 (50, 100)	87.5 (50, 100)	100 (93.7, 100)
Exercise	94.4 (88.9, 100)	88.9 (75, 94)	86.1 (72, 100)	75 (67.6, 82.8)
Adjunctive treatments	50 (45.83, 100)	0 (0, 50)	50 (0, 100)	-

*median (IQR)

17 participants were interviewed. Most found advice supplied straightforward. They were satisfied with the package, which changed their perception of