**Table S2. Studies without results.**

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| --- | --- | --- | --- | --- | --- | --- | --- |
| Author year | Registry IDCountryObservational period | No of patientsIntervention/Control | Attrition, %Study status | Type of intervention | Type of intervention against psychological problem | Professionals/sources of intervention | Timing, duration and/or frequency of intervention |
| Moulaert et al. 2015 | ISRCTN74835019Netherlands12 months after the cardiac arrest | *Caregivers*Total, n=155No information about sample size in each group*Patients*97/88 | *Caregivers*Not stated*Patients*22.7 | Individualized, semi-structured program for psychological and psychosocial problems | Provision of coping skills | Nurse | From the hospital dischargeThree months, 1-6 times from the first months after discharge |
| Cox et al. 2018 | NCT01983254The United States of America12 months after randomization (within two weeks after hospital discharge) | *Caregivers*86/89 | *Caregivers*23.3 | Training for psychological problem, combined with Telephone and web | Provision of coping skills | Facilitators other than physician and nurse;Digital media | After hospital dischargeSix telephone sessions for thirty minutes, once per week |
| Haines et al. 2018 | ACTRN12618000615280Australia14-17 weeks after hospital discharge | *Patients*Sample size: 60, 1:1 | Recruiting | Participation in group discussion by experience based on co-design | Empathy:Counselling | Physician;Facilitators other than physician and nurse | From hospital dischargeTwo hours per session,total six sessions, once every two weeks, from two-three weeks |
| Khan et al. 2018 | NCT03053245The United States of America12 months discharge | *Patients*Sample size: 620, 1:1 | Recruiting | Individualized semi-structured multidisciplinary coordination | Therapy:Personal care for psychological problem | Nurse;Physician;Facilitators other than physician and nurse | After hospital dischargeTwo contacts (within two weeks at hospital discharge), once per two weeks during the first six months, and once a month during the last six months |
| Malik et al. 2018 | NCT03431493The United States of America12 weeks after hospital discharge | *Patients*Sample size: 54, 1:1 | Recruiting | Rehabilitation for physical and psychological problem | Therapy:Cognitive behavioral therapy | Facilitators other than physician and nurse | After hospital dischargeWithin one week |
| Rohr et al. 2021 | NCT04186468GermanySix months after ICU discharge | *Patients*Sample size: 100, 1:1 | Recruiting | Establishment of a network of health care professionals and consultation with experts for physical, mental, cognitive and social functional problem | Psychological intervention required after monitoring | Physician;Facilitators other than physician and nurse | After ICU dischargeConsultation at 1-3 times from about 2 months  |
| Ewens et al. 2019 | PRR1-10.2196/10935Australia12 months after hospital discharge | *Patients*Sample size: 162, 1:1 | Not detail | Self-directed multidisciplinary monitoring and advice | Psychological intervention required after monitoring | Digital media | Desired frequency of visit with website |
| Boehm et al. 2019 | NCT03926533The United States of America6 months after hospital discharge | *Patients*Sample size: 120, 1:1 | Recruiting | Telephone-based multidisciplinary case management for PICS | Psychological intervention required after monitoring | Not detail | After hospital dischargeNinety minutes per time, two times at three weeks and three months |
| Ojeda et al. 2021 | NCT04394169Spain6 months after hospital discharge | *Patients*Sample size: 102, 1:1 | Recruiting | Individualized, semi-structured program for PICS | Therapy:Cognitive behavioral therapy | Not detail | After hospital dischargeThree times visits at Four-six, eight, and 18 weeksPsychological intervention was 7 weekly sessions for 90 minutes per one session |
| Cox et al. 2020b | NCT04329702The United States of America3 months after discharge | *Patients*Sample size: 45, 1:1 | Recruiting | (1)Self-directed training with call from therapist for psychological problem | (1)Provision of coping skills | (1)Facilitators other than physician and nurse;Digital media | After hospital dischargeFour weeks |
| (2)Self-directed training for psychological problem | (2)Provision of coping skills | (2)Digital media |
| Gawlytta et al. 2020 | DRKS00010676Germany1 month after ICU discharge | *Patients and caregivers*12/13 (Units) | Not detail | Web-based therapy for psychological problem  | Therapy:Cognitive behavioral therapy | Digital media | From ICU discharge50 minutes per week, four weeks from at least one month |
| Chen et al. 2022 | DOI 10.17605/ OSF.IO/PD7SUChina2 weeks after ICU discharge | *Patients*Sample size: 110, 1:1 | Not detail | Mindfulness-based training to reduce stress | Provision of coping skills | Nurse;Physician;Facilitators other than physician and nurse | After ICU dischargeTwo weeks |
| Friedman et al. 2022 | NCT01796509French12 months after ICU discharge | *Patients*Sample size: 546, 1:1 | Not detail | Multidisciplinary consultation | Empathy:Counselling | Physician;Psychologist;Social worker | After ICU dischargeFirst week, 3 months, 6 months |