



**Aim:**

To identify and explore evaluation of supportive group interventions for caregivers of patients diagnosed with a primary brain tumor

**Definition of group intervention:**

Any kind of intervention, which seeks to facilitate interaction between a minimum of two caregivers

**Inclusion criteria:**

- Caregivers (≥18 years) to patients diagnosed with a primary brain tumor (≥18 years)
- Interventions with a group
- Include caregiver outcome
- Peer-reviewed studies
- Studies published in English, German, or Scandinavian

**Methods:**

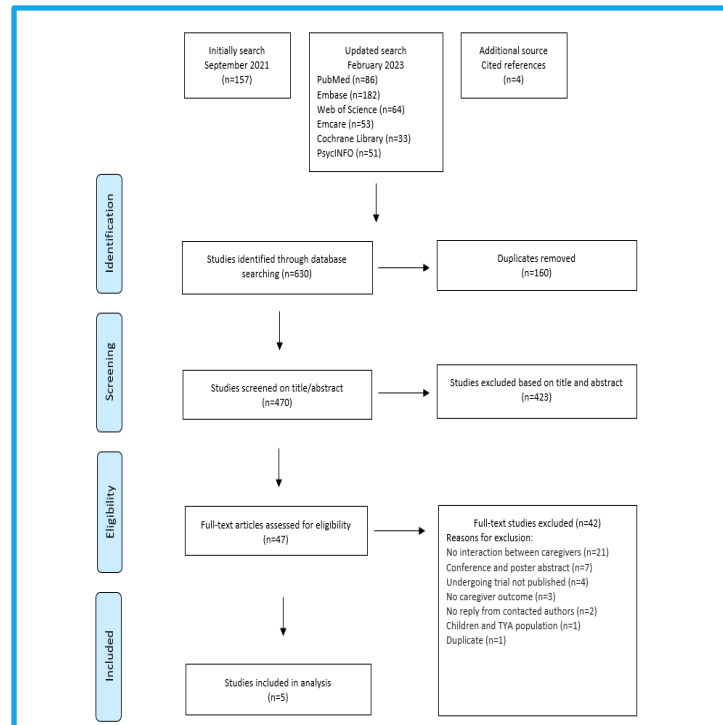
- Joanna Briggs Institute methodological guidance
- Convergent segregated approach
  - Integration of evidence from a quantitative synthesis and a qualitative synthesis

**Methodological quality of the studies:**

- Mixed Methods Appraisal Tool (MMAT)  
Assessment of included studies
- Good quality

Nordentoft S <sup>1,2</sup>, Boele F <sup>2</sup>, Guldager R <sup>1</sup>, Hertler C <sup>2</sup>, Sherwood P <sup>2</sup>, Larsen A <sup>3</sup>, Pappot H <sup>4,5</sup>, Mathiesen T <sup>1,6,7</sup>, Piiil K <sup>2,4,8</sup>

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**Preliminary results:**

**The design of a group intervention**

- The group setting represents a safe space

**The effect and evaluation of a group intervention**

- The opportunity of socializing with peers
- Meeting peers provide hope
- Meeting HCPs and being acknowledged in the caregiver role

Author Country Year	Cashman et al. Canada 2007	Nordentoft et al. Denmark 2021	Schratter-Sehn et al. Austria 2010	Troschel et al. Germany 2020	Whiting et al. Australia 2012
Study design	Multi-methods study	Longitudinal multi-methods study	Quantitative study design	Feasibility study	Pilot study
Methods Data collection	Self-developed questionnaires incl. open-ended questions	Self-developed questionnaires and group interviews	Self-developed questionnaire	EORTC-C30, WHO5, HADS, ASKU, Distress Thermometer, fitness watch	Self-developed questionnaires incl. open-ended questions
Participants	Caregivers (n=24)	Caregivers (n=16) Patients (n=17)	Caregivers (n=41) Patients (n=63)	Caregivers (n=6) Patients (n=9)	Caregivers (n=7)
Intervention	An educational program	A supportive care program	Open group meetings	A ski intervention	An educational workshop

**Conclusion:**

- Positive outcome for group-based interventions
- Extra supportive resource
- Optimal setting, content, and timing

