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,		Design; Methods; Participants	Participant recruitment; Eligibility	Parents: Gender/role, Age. Children: Gender, Age	Children: Diagnosis/seizure type; Other	Data analysis approach	Fears and concerns regarding their child's epilepsy		Impact of epilepsy-related fears and concerns on social and emotional well-being	Similarities or differences in the fears and concerns expressed by mothers and fathers	differences in fears and concerns from the perspectives of	factors for parents fears	Study limitations	Study recommendations	Future research
16	experience of parents of children with epilepsy.	Methods: Prolonged, engaged, in-depth	Key eligibility: Parents only one child with grand mal epilepsy aged 1-18 years with diagnosis of epilepsy made		Diagnosis: Epilepsy. Time since diagnosis: Children had been diagnosed for 1-11 yrs.	Thematic analysis.	, , , , ,	jobs because of their fears and concerns about their child's seizures and the consequences.	Fear of seizure occurring in public: inability to attend parties or events, which can lead to disappointment and dissociation in family relationships, followed by further isolation.	Not reported.	Not applicable.	Restriction of travel.	Not reported	Pay special attention to these families and provide help (e.g., nurses). Provide parents with counselling and education and use mass media to increase public awareness about epilepsy is also necessary.	Not reported.
and	experiences of CWE and their parents, in the context of communicating about epilepsy within and external to the family unit.	(sequential exploratory). Methods: Qualitative semi-structured interviews and a quantitative, cross-sectional survey. Participants: Parents and CWE.	Key eligibility: CWE: 6-16 years, prescription for antiepileptic drugs, no other significant medical condition and/ or developmental delay. Parent participants: parent/primary caregiver of the participating child Recruitment Phase 2: CWE and/or parents recruited through paediatric/neurology units in regional/national hospitals or via national epilepsy association. Key eligibility: CWE and parents were eligible to participate if they (or their child) had a diagnosis of epilepsy and were aged 8-18 years and no other significant medical condition and/or developmental	Parents: n=40 (34 families). Gender/role: mothers (n=26), fathers (n=2), both parents (n=6). Age: not reported. Children: n=33. Gender: female (n=20), male (n=13) Age: range 6-16yrs (mean 11.14, SD 2.91). Phase 2: Parents: n=72. Gender/role: female (n=66), male (n=6). Age: range ≤25 yrs to ≥56 yrs; most (n=54, 75%) 41-55 yrs.	Diagnosis: Epilepsy. Seizure type: absence (n=30), tonic-clonic (n=22), complex partial (n=11), myoclonic (n=10), simple partial (n=8), clonic (n=5), tonic (n=4), atonic (n=2). Age of seizure onset: range 0.58-16 yrs (mean 9.04, SD 3.64). Time since diagnosis: range 0-12 yrs (mean 4.15, SD 2.95). Seizure frequency: daily (n=3), several times a week (n=3), about once a week (n=3), about once a week (n=3), about once a month, (n=2), less than monthly (n=15), about once a year (n=5), seizure-free (n=14), unknown (n=2).	inferential correlational statistics.	Fear of social exclusion and social stigma: caused their child's social participation to be unnecessarily curtailed. Fear of child being bullied/teased: peer bullying at school. Fear of disclosure: disclosure on need to know basis.	Child's social participation curtailed: due to fear of stigma etc.	Fear of child being bullied/teased: peer bullying at school.	Not reported.	Stigma-related concerns similar to parents. Exclusion by peers from social activities: sometimes caused by parental fear. Epilepsy-elated bullying: by peer group. Concealment of epilepsy: aimed to avoid epilepsy stigma.		Data only gathered from CWE and one parent and not other family members. Over-representation of mothers which may obscure gender perspective differences.	Communication-based interventions to encourage HCPs to actively engage with CWE / parents about their epilepsyrelated stigma experiences and perceptions. CWE/parents may require assistance in learning how to initiate, manage and maintain open conversations about epilepsy-related issues within the home environment and with disclosure.	Not reported.
017 eland	challenges parents of children with epilepsy (CWE) experienced when deciding to disclose their child's epilepsy diagnosis to		Recruitment: Parents via a neurology clinic of a specialist children's hospital and from a national epilepsy association. Key eligibility: Parent(s)/ guardian(s) of a child with a diagnosis of any type of epilepsy; a prescription for antiepileptic drugs and (no significant intellectual disabilities, learning difficulties and/or developmental delay.	Gender/role: mother (n=27); fathers (n=7). Age: Not reported. Children: n=29. Gender: female (n=17), male (n=12). Age: range 6-16yrs (mean 7.35, SD 2.85)	Diagnosis: Epilepsy. Seizure type: multiple TYPES (n-=19), tonic-clonic (n=19), absence (n=14), one type only (n=10), complex partial (n=10), myoclonic (n=6), tonic (n=5), simple partial (n=4), atonic (n=4), electrical status epilepticus in sleep (ESES) (n=1). Age at diagnosis: range 2-14.5yrs (mean 7.35 yrs, SD 3.20). Time since diagnosis: range 0.17-10 yrs (mean 3.87, SD 2.87). Therapy: Most children receiving polytherapy (n=16) or mono therapy (n=12). Seizure freedom: Only 41.3% of parents reported child had been seizure free for 4 weeks at the time of interview		disclosure management strategies as protective of their child's psychosocial wellbeing. Fear of	participation being restricted: stigmatisation, prejudiced attitudes, discrimination, and/or exclusion from social, recreational and/or sporting activities. Impact on family: difficulty finding someone to care for the child in their absence.	Impact of diagnosis: period of grief as parents grappled with the loss of their 'healthy' child; feelings of 'devastation' 'upset', 'concern', 'worry' and 'shock'. Fear of being treated differently: based on people knowing about child's diagnosis. Concerns about impact on socialisation: fear of potential impact on invitations to playdates, parties and sleepovers, and impact on their child's friendships. Impact/fear of negative reactions to disclosure: Fear of and actual negative responses ended to mean parents maintained secrecy about diagnosis or selectively disclose. Impact on parents: offensive reactions, e.g., others mimicking seizures; this elicited negative emotions among parents (e.g., anger, concern, sadness, disappointment). Impact on future: epilepsy diagnosis had dashed and/or altered parents' pre-conceived hopes and expectations for the future of their	Not applicable.	Not applicable.	Concealment and/or selective disclosure of epilepsy. Seeking normalcy.	of children with intractable epilepsy and who experienced challenges with disclosure of their child's diagnosis. Fathers were underrepresente in this self-selected parent population. Self-selection bias more	their child's epilepsy with others. d Advocacy efforts should be heightened, with HCPs, patient advocacy groups and healthcare organisations taking a more active role in striving to increase the visibility of epilepsy within the public domain and tackling misconceptions about epilepsy	elucidate whether the adoption of concealment and/or selective disclosure strategies is problemator protective. Identify the contexts in which parental epilepsy disclosure is most critical. Investigate the bidirectional relationship between stigma and
21 nada	narratives to inform the process of optimizing a good life with active epilepsy.	narrative. Methods: Life narrative interviews. Participants: Youth and family members	An identified family member were also invited to	Youth: n=7 (although only 2 eligible for inclusion in this review). Gender: female (n=3), male (n=4) (only 2	Diagnosis: Epilepsy. Age at onset: 7yrs, 13yrs (for eligible children). Seizure types: absence (n=5), generalized tonic-clonic (n=6) (Note: eligible for inclusion in this review, Absence, Generalised tonic-clonic (n=1) and. Gneralised tonic-clonic (n=1).	Thematic analysis	Fear associated with seizures: Parenting overnight- fear of catastrophic seizure in sleep.	Impact on work: father giving up work (personal sacrifice) to help manage child's condition.	child (e.g., academic, romantic). Impact on parental well-being: importance of support from wife to help 'being there' for child. Impact on relationships: Epilepsy adds a layer of complexity to romantic relationships Impact on youth well-being: worrying about impact of missing school and having to catch up. Impact/fear of negative reactions to disclosure: youth's decision not to disclose due to fears of being thought different.	·	Not reported specifically for the 2 youth included in review.		Small sample of 7 (of whom only 2 eligible for inclusion this review). Method excluded youth who could not participate in interview process.		Use of methods that apply the lift course-multiple perspectives approach to lower functioning groups.
21 A	knowledge and fears of parents of children diagnosed with epilepsy in the hospital and clinic settings.	Methods: Scale and	Recruitment: Convenience sample via paediatric neuro/ortho hospital unit or paediatric neurology clinic. Key eligibility: Parents of children diagnosed with epilepsy	Gender/role: female 80%. Age: range 21-69yrs (mean 39).	Diagnosis: Epilepsy. Age at diagnosis: (51%) of parents reported that epilepsy was diagnosed prior to 'first grade' (most often at <1 year to 3 years).	demographics and survey responses, and t-test for comparison	Fear of seizures: what to do if child has a seizure and fear their child might die during a seizure. Fear of impact of seizures: will lead to brain damage. Fear of future seizures: that the seizures will get worse and have them lifelong. Fear associated with medications: that medication will be harmful in long-term. Fear of social stigma: afraid of what could happen if people look at their child.	Not clearly reported.	Not reported.	Not reported.	Not reported.	Not clearly reported.	Not reported.	Talk to parents about their fears related to epilepsy and provide information to allay fears and signpost to support groups.	Not reported.
l. 014 erbia	attitudes, and behaviors of parents whose children were diagnosed	sectional).	department of the Child and Adolescent Neurology and Psychiatry Clinic, Belgrade. Key eligibility: Child diagnosed with epilepsy by a paediatric neurologist.	Gender/role: mother (n=164); father (n=49). Age: range 24-69 yrs (mean 43 ± 8.2 years).	Diagnosis: Epilepsy. Age at seizure onset: mean 6.4yrs. Epilepsy control: 84.5% considered well controlled.	inferential statistics.	Concerns about the child's future development: associated with concerns about child's personal development. Concerns related to supervision of child away from home: e.g. extended school trips. Concerns about social support: more social support needed.	Nothing specific reported here.	Nothing specific reported here.	No statistical differences between the reports of mothers and fathers	Not applicable.	Stronger positive parental attitude towards childhood epilepsy was influenced by higher monthly income and having more children.	Parents who participated may not reflect those who declined.	Principal goal of health-care service should be ensuring education and support at the community and school levels (e.g., training programmes strategies to reduce anxiety and emotional strain) for both parents and children with epilepsy.	
017 JSA	important domains that should be assessed in an efficient measure of caregiver impact for caregivers of children	focus groups and telephone interviews. Participants: Paediatric	Recruitment: Purposive recruitment of 8 paediatric neurologists, from USA, France, Belgium, UK; female (n=3),male (n=5), known to investigator or colleagues of investigators to expert panel. Recruitment of caregivers via Dravet Syndrome Foundation and epilepsy social media sites. Key eligibility: Paediatric neurologists providing healthcare services to children and young adults with epilepsy. Caregivers providing care to children with Dravet syndrome or other severe epilepsy conditions(e.g., SCN8A epilepsy, Lennox-Gastaut syndrome, Doose syndrome) severe epilepsy.	Gender/role: female (n=16), male (n=3); biological parent n=18. Age: range 32.5-55.8 yrs (mean 42.0, SD 6.4 yrs). Children: n=not reported Gender: not reported Age: range 1.7-17.8 yrs (mean 8.4, SD 5.2yrs).	(n=3), Lennox-Gastaut syndrome (n=1), Doose syndrome (n=1), Intractable epilepsy (n=1),	not reported but data 'coded and analysed'.	and night about child's epilepsy; child's epilepsy redefines caregivers sense of purpose in life. Fear of SUDEP or seizures during sleep: linked to caregiver sleep deprivation. Fear of leaving child: other people	Impact of exhaustion: lack of energy to meet own self-care needs (staying fit, eating healthy foods). Impact on finances: financial impact often reported as greatest during the early stages of diagnosis and initial treatment. Some families experienced treatment-related costs.	Impact on emotional well-being: caregivers often experienced psychological distress due to demands of caregiving and experienced feelings of anger, anxiety, guilt, and helplessness. Impact on time for self: caregivers found it difficult to find time for themselves. Impact on relationships: focus on child often left spouse, friend, and extended family relationships strained.	Not reported.	Not applicable.	Not reported.	No participants from Asia, Africa, or South America so may not reflect caregiving impact domains from these areas/cultures. All participants fluent English speakers, willing to find time to participate and from well- resourced countries.		Develop a comprehensive or efficient measure for assessing caregiver impact among caregive of children and young adults with severe epilepsy.

Jones et al. 2014 USA	To develop a theoretica framework to aide clinicians and researchers to more effectively work with parents to address the child's needs, utilizing a person-and family-centered care model.	Grounded Theory. Methods: Interview. Participants: Parents.	Recruitment: Recruited via a pilot study; half were parents who participated and half were parents who did not participate in pilot study. Key eligibility: Parents of children with epilepsy.	Parents: n=22. Gender/role: mother (n=17); father (n=5). Age: range 31-53yrs (mean 40.5, SD 6.4yrs). Children: n=22 Gender: female (n=11), male (n=11) Age: range 9-18yrs (mean 12.52, SD 2.5yrs).	(n=8). Time since diagnosis: 5.57 years (SD 3.36)	Grounded theory.	Not reported specifically but described in terms of struggles.	Impact on education: Concerns about education/managing at school and learning and also future supports in high school. Impact on parents' responses to child's struggles: 3 zones (1) struggles not seen as problematic, active support not sought; (2) struggles seen as problematic, active support and interventions sought; (3) struggles seen as problematic, and intervention sought in more solution-focused manner.	Impact on education: Concerns about learning and also future supports in high school.			Small study with small sample size. All children well controlled, most on one seizure medication, known to have co-occurring problems so findings not necessarily transferable. Unclear if the parents of children with no comorbidity would fit into the zone framework outlined.	Not reported.
Jones et al. 2019 UK	To gain a comprehensive understanding of the experiences and needs of parents of young children with 'active' epilepsy (on AEDs and/ or experienced at least one seizure in the last year).	Methods: Interviews. Participants: Parents/	Recruitment: Parents/guardians of eligible children were identified via a link paediatrician on the research team. Key eligibility: Parents of children with epilepsy at leas one year of age, with current 'active' epilepsy and resident in specified postcodes.	Parents: n=47 Gender/role: Mother (n=38), father (n=9). Age: Not reported. Children: n=40 Gender: female (n=17); male (n=23). Age: range 1-7yrs (mean 4.60, SD 1.49 yrs).	Diagnosis: Epilepsy. Predominant seizure type: generalized (n=20), focal (n=20). Duration of epilepsy: range 0.28-6.52yrs (mean 2.97, SD 1.58yrs) Age of seizure onset: range 0.04-6.00yrs (mean 1.65, SD 1.34 yrs). Seizure frequency: monthly or more often (n=29), less often (n=11). Seizures longer than 30 min: (n=7). Required rescue therapy: (n=24). Developmental level: >2SD below mean: (n=30).	Thematic analysis	Fear of possible impact of AEDs: fear of impact on child's behaviour and learning and inadequate information about possible impact of side effects. Future concerns for the child: concerns especially related to children with significant developmental delay as likely to have difficulty living independent lives.	Impact on family activities due to seizures or associated difficulties: Family holidays, shopping and other activities often cancelled/rescheduled because of concerns about the child's epilepsy or associated difficulties on the activity.	Impacts associated with child's developmental delay and challenging behaviour: feelings of loss that the child may not achieve the same milestones as children without such problems or have the life they had anticipated.	Not reported Not reported.	Not reported.	Majority of respondents were mothers. Interviews conducted either in person or telephone; mode may affect content and length of responses. Findings may not be relevant for children < 1yr or >7yrs. Participants all from one defined geographical region of UK.	How best to inform parents of the nature of both epilepsy and associated conditions as well as how best to support parents' informational and emotional needs after diagnosis. Adapt psychoeducational interventions in childhood epilepsy for digital use and subsequently evaluate. Investigate best ways to support parents to navigate the health and education system so as to access effective educational and therapeutic provision.
Kampra et al. 2017 Greece	To explore the challenges that Greek parents/caregivers of CwE face to provide useful knowledge for healthcare professionals about this population's needs.		Recruitment: Convenience sample parents/caregivers of children with epilepsy whose children were consecutive patients of the outpatient neurology clinics of two public hospitals in Athens. Key eligibility: Parents of children with controlled epilepsy, no significant intellectual disabilities, learning difficulties, and/or developmental delay, and attending regular school.	Gender/role: female (n=60); male (n=31); Age (female): range 24-68yrs (mean 42yrs). Age (male): range 27-68yrs (mean 47yrs). Children: n=91. Gender: female (n=60); male (n=31)	Diagnosis: Epilepsy Age of diagnosis: <5yrs (n=24), 5-9yrs (n=38) 10-15yrs (n=22), 16-17yrs (n=2), don't remember (n=5).	van Manen's		Impact of bullying: some parents hesitated to discuss epilepsy with their child because of the fear of bullying or isolation from his/her peers and inability of chid to cope with disclosure. Impact of social isolation: some parents feared social exclusion of their child. Impact on social image: some parents kept epilepsy secret as feared consequences on child and family social image: , Impact of stigma: some parents didn't disclose to school if child seizure-free during day due to fear of bullying. Impact of inadequate information to support coping: parents needed more information and support (e.g. from schools, drs) to help them cope).	Impact on social image of their family: concerns about bullying or isolation incurred by the stigma around epilepsy. Need for emotional and practical support: gained emotional support by talking with close friends and relatives. Impact on child's social integration and well- being: concerns about how other people would see child and treat them. Impact on parental identity: being seen as father of handicapped child.	Not reported. Not reported.	Level of parent education: (tertiary educated parents talked to child about epilepsy at a higher rate than primary/secondary educated parents) (p = 0.013). Parents' employment condition: employed parents talked with their child about epilepsy at a higher rate than parents who were unemployed (p = 0.026)	with controlled epilepsy and no significant intellectual disabilities, learning difficulties, or developmental delay/ Physicians need to communicate effectively with the parents of CwE, based on the informational needs and the level of understanding of each individual patient or the family member. Information needs to be delivered starting with the	
Maiga et al. 2014 Mali	To assess parental beliefs and attitudes in families with and without affected children.	Design: Quantitative descriptive. Methods: verbal presentation of questionnaire-based survey Participants: Parents.	Recruitment: Parents of children with epilepsy were systematically approached for enrolment during their child's regular consultation. Key eligibility: Parent of child with epilepsy (0-15yrs) documented by the hospital's Department of Pediatrics or Neurology or both.		Diagnosis: Epilepsy	Descriptive and inferential statistics.	Fears related to retribution from the spirits: some parents of CwE feared retribution for turning to modern medicine, or fear of a worsening of symptoms with the use of medication		Fear of calamity: linked to retribution from spirits.	Not reported. Not applicable	Not reported.	Sample represent a relatively affluent subset of the population. Findings very conservative, the general Malian population not having anywhere near the level of exposure to modern medicine that was evidenced in our sample (particularly the group with epilepsy). Study highlights the urgent need to conduct widespread, intensified public education campaigns in the general population, as well as to open channels of communication and collaboration with traditional healers, to whom the population frequently turns for first-line care.	
Murugupillai et al. 2016 Sri Lanka	To identify the concerns of parents regarding their children and adolescents with epilepsy in Sri Lanka	Methods: In-depth interviews and focus group discussion. Participants: Parents, grandparents, and key informants (schoolteachers, public health staff)	Recruitment: Parents of children and adolescents (0-18yrs) with epilepsy identified from the paediatric and adult clinics in state hospitals in three districts. Key eligibility: Parents of children with epilepsy, regardless of type and duration of epilepsy and included parents whose children had co-morbid illnesses (e.g., cerebral palsy).		Diagnosis: Epilepsy. Seizure type: simple partial (n=9), complex partial (n=2), generalised tonic-clonic (n=4), absence (n=1). Seizure frequency: >1 per week (n=2), >1 per month (n=3), >1 per year (n=11). Age of seizure onset: range 3 days-7yrs (mean 5yrs 11months). Medication: Sodium valproate (n=15), Carbamazepne (n=2), Topiramate (n=1), Clobazam (n=2), Clonazepam (n=1). Number of anti epileptic drugs: 1 drug (n=12), 2 drugs (n=3), 3 drugs (n=1). Comorbid illness: (cerebral palsy) (n=3).	Content analysis.	about unexpected nature of occurrence of seizures. Fear about child having a seizure when alone. Fear associated with adverse effects of drugs: Most parents worried about adverse effects that may occur with long-term use of anti-epileptic medicines. Fear of recurrence of seizures: influences compliance in taking anti-epileptic medications. Fear of functional impact of epilepsy: fear of epilepsy affecting child's physical ability to function normally. Fear associated with learning difficulties: Parents concerned about epilepsy causing learning difficulties.	worried that childish behaviour that may lead to exploitation and sexual abuse. And worries about providing necessary physical and mental support to manage activities of daily living of the child. Impact on school performance: parents worried that epilepsy causing learning difficulties resulted in poor school performance. Daytime sedation adversely affecting schooling of the child was a concern. Impact of lack of trained teachers: concerns that teachers would not understand and cope with the child. Impact on child's future: worries related to possible difficulties in employment opportunities, marriage prospects and family	worried about child being upset emotionally. Impact on personal image: parents concerned that epilepsy would make their child sad and stressed and possibly develop a negative personal image. Impact on siblings: some parents concerned about the problems in adjustment with siblings.	Not reported. Not applicable.	buy medicines outside the hospital pharmacy. Cultural practices in the community influence that attitudes and behaviour	Inclusion of parents of children and adolescents with epilepsy with co-morbid illnesses could have had a confounding effect on certain HRQL issues.	Future qualitative work with epilepsy patients can also investigate curious questions raised by this study (e.g., the relative importance of these parental concerns for patients).

Nguyen et al 2015 Australia	cognitions and coping behaviours used by parents of children with epilepsy, in the aftermath of an epilepsy diagnosis, and the read	thods: Semi-structured erview. rticipants: Parents/	Recruitment: Purposive sampling of biological parent o legal guardian of a child via the Neurology Department' database at the Women's and Children's Hospital in South Australia and via Epilepsy Centre of South Australia. Key eligibility: parent of child (1-15yrs) diagnosed with epilepsy by a Consultant Neurologist 6 months - 5 years ago.	Gender/role: mother(n=21); father (n=0); Age: Mean 39.7yrs. Children: n=21 Gender: female (n=9), male (n=12) Age:not reported.	Diagnosis: Epilepsy. Age at diagnosis: mean 6yrs, SD 3.82. Time since diagnosis: mean 2.6yrs, SD 1.71. Type of seizure: absence (n=5), tonic/clonic (n=4), myoclonic (n=1), simple partial (n=2), complex partial (n=4), mixture (n=5).		_	Impact on parental vigilance: parents talked obeing vigilant and then moderating vigilance.	Impact on sense of control: feeling helpless and vulnerable and loss of control (if unable to control seizures or if seizures worsen (e.g., absence to full blown seizure). Fear of future: fear of how child will manage in the future, although noted this could be demoralizing and counter-productive.	Not applicable.	Not applicable.	of epilepsy on their chil and lifestyle enabled	Eight mothers had experience in nursing or in occupations that involved working with children with special needs. A few children had co-morbid illness; no comparison possible between this group and non-comorbid group.	An accessible network of contacts or support group can be a strong resource of experiential information and inspiration for parents confronted with newly	·
O'Toole et al 2016 Ireland	challenges that parents of children with epilepsy experience when engaging in dialog with	thods:. Interview one/together).	Recruitment: via a tertiary referral children's neurology department (purposive) in a major children's hospital (n = 23) and also through a national epilepsy association. Key eligibility: Parent/primary caregiver of a child (6-16yrs) with a diagnosis of epilepsy for ≥6 months and with a prescription for anti epileptic drugs at the time of interview.	Gender/role: mother (n=27); father (n=7); Age: not reported. Children: not reported. Gender: not reported	Diagnosis: Epilepsy. Age at diagnosis: range 2yrs- 14yrs 6months (mean 7yrs 2months). Seizure type: generalized tonic-clonic (n=18), absence (n=14), autonomic (n=7), dyscognitive (n=7), myoclonic (n= 5), atonic (n=2). Seizure frequency: daily (n=7), weekly (n=4), monthly (=4), several times a year (n=8), once a year (n=6), seizure-free (n=1). Treatment path: polytherapy (n=16), monotherapy (n=12), vagus nerve stimulation therapy (n=1), not currently receiving treatment (n=1).	Thematic analysis.	feared misinforming their child when		related communication may leave a child	Not reported.	Not applicable.	Not reported.	Potential for sampling bias; most parents had child with refractory epilepsy and recruited via tertiary referral route, no significant comorbidities.	communication to each parent's need for specific information	Not reported.
Ramachandra nnair et al. 2013 Canada	whether and how to	scriptive. thods: Focus groups, erviews. rticipants: Parents.	Recruitment: Stratified purposeful sampling of SUDEP parents via clinic death registry and lay organisation amparents of children with epilepsy identified from the hospital epilepsy database and recruited via the Neurology Clinic at McMaster Children's Hospital (Ontario, Canada). Key eligibility: Parents of children with mild, moderate to severe epilepsy, or new onset epilepsy epilepsy (≤17 yrs) or parents of children who had SUDEP.	epilepsy (n=36), SUDEP parents (n=6). Gender/role: mother (n=21); father (n=15) not reported (n=6). Age: not reported. Children: children with epilepsy (n=21), SUDEP children (n=4).	Diagnosis: Epilepsy or SUDEP. Seizure type: new-onset epilepsy (=5), mild epilepsy (=9), moderate-severe epilepsy (n=7).	Directed content analysis.	Fear of dying/SUDEP: mothers and fathers highly concerned/worried child would die (either during a seizure or as a result of an injury during a seizure), fear especially focused on seizure and death at night.	Impact on night-time routines: Majority of parents said child slept in their bed as part of a coping strategy. Few parents adopted a nightly monitoring routine (e.g., therapy dog and monitors). Impact on parenting role: fears of seizures resulted in parents being highly vigilant regarding their children and wanting to monitor all of their activities.	mothers talked of a significant number of mental health issues: depression, anxiety, fear, worry, guilt, and exhaustion. Impact on father: Fathers expressed feelings of worry, anger (directed toward the health care team), and concern for spouse and	Not specifically reported.	Not applicable.	Parents thought clear information about SUDE at/soon after diagnosis and with follow-up information would be supportive.	Parents who participated may have been information seeker as opposed to information avoiders. More than 90% of participants were Caucasians.	SUDEP counseling should certainly be determined on a case-by-case basis (by paediatric neurologist, typically	Not reported
Rani et al. 2019 India	knowledge, attitudes, and perceptions about epilepsy as well as addressing the sociocultural barriers to its treatment. (de	escriptive). thods: questionnaire, nical profile, scales,	Recruitment: Parents of children with epilepsy were recruited via neurology department of a tertiary referracentre. Key eligibility: Parents of children with generalised or partial seizures, aged 4-15yrs; including children with a comorbid diagnosis ADHD, autism, intellectual development disorder, cerebral palsy	Age: 25-35yrs (n=22), 36-45yrs (n=22), 46-55yrs (n=12); mean 37.2yrs.	Diagnosis: Epilepsy. Seizure type: generalized seizures (n=30), partial seizures (n=19), combination of generalised and partial (n=11). Seizure control: not controlled (n=44), controlled (n=16). Comorbid condition: cerebral palsy (n=16), intellectual developmental delay (IDD) (n10), autism (n=2), ADHD (n=2).	Quantitative: descriptive statistics and non-parametri tests. Qualitative: Process not described.	seizures being fatal or life threatening	Impact on social activities: most parents prevented child from participating in sports activities. Impact on school: most parents encouraged child to continue schooling despite epilepsy. Impact on parenting: difficult to trust someone to care for the child.	generally worried. Impact of stigma: parents apprehensive and concerned regarding disclosure of seizures. Impact on child: parents believed children	Not reported.	Not applicable.	factors (e.g., belief that epilepsy is a mental illness or caused by evil spirits). Many consulted	Small cross-sectional sample, and time constraints, and sampling bias. Questionnaire developed to assess parents' knowledge, attitude, and perception not yet validated.	Mobilise support from different stakeholders who can act as change agents to sensitize the general public by addressing the myths and misconception related to epilepsy and community-based treatment and rehabilitation programs in rural areas A management plan to address socio-cultural barriers to treatment should incorporate culturally sensitive practices by clinicians, understand parents' religious and spiritual values, be able to empathize, respect, and appreciate the efforts made by family members to cope with chronicity of the child's illness, sense of helplessness, and feelings of guilt for failing as a parent	Not reported.
Renardin et al. 2019 Brazil	perception and families living with childhood epilepsy Me	thods: Semi-structured	Recruitment: recruited via a doctor's office that specialised in neuropaediatrics. Key eligibility: Parents of children with epilepsy, aged 5-12yrs, diagnosed ≥6 months.	Parents: n=7. Gender/role: mother (n=6); father (n=1). Age: range 25-42yrs (mean 35.8 yrs). Children: n=7 Gender: not reported. Age: range 6-11yrs 9months.	Diagnosis: Epilepsy	Thematic content analys	Fear for the future: insecurity quality of life, learning, autonomy, and future of the child.	Impact on parenting: assuming defensive/ overprotective behaviours (e.g. rigorous supervision) towards the child. Impact on activities/participation: restriction activities aims to avoid crises. Impact on daily routine: restructuring e daily routine according to demands imposed by the condition.	about stigma and prejudice, can lead to the retraction of their child from social interaction.	Not reported.	Not applicable.	Stigma.	Small sample size. Study carried out in a single local specialty center.	Need to give voice to families in terms of their care demands, while seeking to contribute to professional practice, highlighting the important role of the nurse as an agent in the process of demystification of beliefs and qualification of health care.	Not reported.
Roberts et al 2011 Canada	understanding of the school experiences of children with epilepsy. Me	sign: Qualitative, letic (descriptive) enomenology. thods: In-depth, semi-uctured interviews. rticipants: Caregivers.	Recruitment: not reported. Key eligibility: Caregivers of children with epilepsy.	Caregivers: n=7. Gender/role: not reported. Age: not reported. Children: n=7 Gender: not reported. Age: range 5-11yrs.	Diagnosis: Epilepsy. Age of seizure onset: 2.5-11yrs. Type of seizure: absence (n=2), petit mal (n=1), grand mal (n=2), complex partial (n=2). Medication: One child not medicated, Carbamazepine (n=1), Levetiracetam (n=1), Zarontin (n=1), Keppra (n=2), Lamictal and Epival (n=1).	Phenomenolog al.	uncertainty about prognosis for their child and unpredictable nature of the condition.	Impact related to schooling: beginning school after diagnosis was source of worry for caregivers. Some parents child was missing school due to 'medication errors'. Concerns re teachers lack of seizure first aid knowledge. Impact on learning: some discussed the specific learning difficulties that their children experienced in the classroom. One child was home schooled.	diagnosis was emotional (stress, confusion, misunderstanding and uncertainty). Impact on caregivers: continual worrying over the well-being of their child. And stress associated with understanding and explaining child's condition to the school community.	Not specified.	Not reported.	Not reported.	None specified.	Not reported.	Not reported.

Saburi 2011 Zimbabwe	To identify stressors of caregivers of school-age children with epilepsy and to evaluate whether use of community resources alleviates or contributes to caregiver stress.	(descriptive cross-sectional). Methods: Interviews.	and from Parirenyatwa Central Hospital in Harare.	Gender/role: predominantly mothers. Age: not reported. Children: n=46	Diagnosis: Epilepsy. Seizure type: unknown by 35 caregivers. Mean duration from onset of seizures to diagnosis: 13 months. Medication: most children were either on phenobarbitone or carbamazepine. Epilepsy-related injuries: Most (n=35) children had not experienced any epilepsy-related injuries in the past 12 months.	Qualitative: coding. Quantitative: descriptive statistics.		ability to fend for self in caregivers' absence or death. Worries about marriage prospects Impact on education: worries about possibilities of good education.	for many caregivers. s Impact on child's participation: some children played alone, were laughed at by other children and were isolated because of		Not applicable.	groups helped to lighten the caregiver burden; accept the illness as God's will and get	Unknown seizure types. non-Shona speakers not represented, rural populations under-represented. Interval from onset of epilepsy to diagnosis based on	routinely assess the effect of seizures on caregivers, advocate for more male and extended family involvement in caregiving, and provide adequate information onside effects of drugs and on seizures. Nurses in developed countries	
Smith et al. 2014 USA	perceptions of the care giving process at different time periods post epilepsy diagnosis	Design: Qualitative. Methods: Focus groups. Participants: Caregivers. Focus groups.	Recruitment: Purposive sample recruited from the only level 4 comprehensive epilepsy centre at an urban academic medical centre in an economically disadvantaged state. Key eligibility: caregivers of youth (<18yrs) who had a confirmed diagnosis of epilepsy (e.g., ICD-9 345 codes) and resided within an 80-mile radius of the medical center.	Gender/role: female (n=16); male (n=3); mothers (n=14), fathers (n=2), grandmother (n=1), grandfather (n=1), foster parent (n=1). Age: 20-30yrs (n=2), 31-40yrs (n=8),	Diagnosis: Epilepsy; intractable epilepsy (n=13); controlled (n=6). Current medication (current): (n=19).	Thematic analysis.	Fears about seizure uncertainty: even if provider's treatment plan is followed, seizures can occur. Fear about the future: caregiver uncertainty about who would watch over their child (and who would look after them in olde age).	community service agencies because they were uninformed about epilepsy, seizures, and available resources.	Impact of stigma: concerns about stigmatisation.	Not reported.	Not applicable.	Length of time since diagnosis and complexity of condition.	Recruitment from referral centre results in higher proportion of patients with severe epilepsy.	Future quantitative studies should be designed to examine caregiving process variables, as well as caregiver outcomes, and to develop caregiver-specific interventions that are tailored to the particular needs of these caregivers in their journey with epilepsy over time.	Not reported.
Webster 2017 UK	effects impact on the meanings children and their parents ascribed to medications for epilepsy.	Design: Qualitative. Methods: Semi-structured interviews and auto driver photo-elicitation interviews. Participants: Parents and children.	1	Parents: n=28 (24 families). Gender/role: mother (n=24); father (n=4). Age: not reported. Children: children with epilepsy (n=13), siblings (n=14). Gender of children with epilepsy: female (n=4), male (n=9) Age of children with epilepsy: range 5-13yrs.	Diagnosis: Epilepsy. Medication: treated solely with AEDs (n=14) combination of medications and the ketogenic diet (n=10).	Constructivist grounded theory.	Fears about side effects: many parents concerned about the side effects of ongoing current treatment; particularly link with mental illness and potential mindaltering consequences of drug. Fear that medication not beneficial: some parents had requested their child be changed to a different medication when treatment was deemed to be ineffective or whe current side effects were not seen to be worth the benefits gained.	n	Not reported.	Not reported.	Similarities: Fears about epilepsy as threat to child's life. Differences: Children were primarily concerned with the process of ingesting medications, whereas the parent focused on current side effects of		Not reported.	Not reported.	Explore the ways in which children view their medications in order to understand their adherence to treatment regimens, as their perspectives are likely to differ to the views of adults
Webster 2019 UK	from having a child with epilepsy	Methods: Semi-structured interviews. Participants: Parents.	Recruitment: via through seven UK based charities using adverts (websites, online forums, social media pages, newsletters. Key eligibility: not reported.	Parents: n=27 (23 families). Gender/role: mother (n=23); father (n=4). Age: not reported. Children: n=22 Gender: female (n=8), male (n=14) Age: range 3-18yrs.	Diagnosis: Epilepsy. Seizure aetiologies: most common included hypoxic-ischaemic encephalopathy (n=55), ischaemic stroke (n=41) and intracranial haemorrhage (n=31).	Constructivist grounded theory.	Fear/concerns related to uncertainty/instability of symptoms: unpredictability of condition seen as particularly hard aspect to deal with especially as the felt had unanswered questions from health professionals and were not fully informed about child's condition. Fear about seizures and SUDEP: concern about SUDEP and how this may cut short their child's life. Fear about the future: concerns about impact of condition on their child's future, possibility of a limited future. Fear about puberty: fear of what might happen at puberty and how they child's epilepsy may change during this life stage.		Not reported.	Fathers' aligned wit those of mothers.	th Not applicable.	Not reported.	Not reported.	Not reported.	Not reported.
Webster 2020 UK	and whether their perceptions of risk aligned.	Methods: Group	Recruitment: via through seven UK based charities using adverts (websites, online forums, social media pages, newsletters. Key eligibility: not reported.	Parents: n=28 (24 families). Gender/role: mother (n=24); father (n=4). Age: not reported. Children: children with epilepsy (n=13), siblings (n=14). Gender of children with epilepsy: female (n=4), male (n=9). Gender of siblings: female (n=9), male (n=5) Age of children with epilepsy: range 5-13yrs. Age of siblings: range 6-16yrs.	Diagnosis: Epilepsy.	Constructivist grounded theory.	Fears associated with seizures/ SUDEP: fears included status epilepticus and SUDEP. Fears associated with physical risks: risk of incurring injuries during seizures.	Impact on activities and participation: fears association with risks requires closer supervision (e.g. swimming, heights, roads).	However, children, Äôs concerns did not always align with those of their parents; while parents focused on new and reconceptualised physical risks o the child, the children, Äôs primary preoccupation was with being stigmatised by their peers.	Not reported.	Parents focused on physical risks associated with epilepsy, but children more concerned about being stigmatised by their peers.	Perceptions of risk were influenced by both the child's age and their condition.	Not reported.	Not reported.	Parents' decision making regarding the communication of risks to children. Determine whether children think about stigma in terms of risk
Wo et al. 2018 Malaysia	experiences of parents and their children, and to identify the needs and challenges faced by		Recruitment: Parents were recruited from the paediatric (8-18yrs) and adult neurology (15-18yrs) clinics of a tertiary hospital in Malaysia. Key eligibility: parents of children (8-18yrs), diagnosed ≥6 months, ≤4 seizures in the past 6 months.	Age: range 33-58yrs (mean 42.1, SD 5.6yrs	Diagnosis: Idiopathic generalized epilepsy (n=8), childhood/juvenile absent epilepsy (n=6), and focal epilepsy (n=1). Duration of epilepsy: range 2-10yrs (mean 5 SD 3.5yrs)	approach and thematic	Fear of death: fear child would die in first seizure. Fear of unpredictability of symptoms: fear that their child may have a seizure at any time still persisted, even several years after the diagnosis of epilepsy. Fear about the future: worries about child's health, school performance, and future (whether they would be able to live independently and have equal rights for employment). Fears about cause of epilepsy: som families also believed that epilepsy was a 'supernatural' disease, caused by bad spirits.	their child's physical and social activities (e.g., sleepovers, overseas trip), as they were afraid that their child may have a seizure, and no one would know how to care for their child. Impact on work and finance: some parents wer forced to give up their jobs to take care of their child with epilepsy.	emotional reactions parents were upset, shocked, and worried. Impact on parents: some parents developed health or mental health issues. Some parents became anxious and depressed, because of the stress in caring for their child with epilepsy. Constantly worried. Te Impact of disclosure: fear of stigmatisation,		similar in following areas: physical functioning, academic achievement, and bullying.	problems using two different coping strategies: problem-focused coping and effective emotional-focused coping. Continuity of care was discussed as beneficial.	Only recruited children with controlled seizures. Imbalance of gender, ethnicity and socioeconomic status (SES).	Not reported.	Not reported.