# **[Title]Treatment-related Problems and Countermeasures for Patients Undergoing Maintenance Hemodialysis Following Tropical Cyclones: A Scoping Review**

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**[H1]Addendum A2**

Table A2(i). Database: PubMed

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| **Search number** | **Query** | **Results** |
| #1 |  ("natural disasters"[Title/Abstract] OR "natural disasters"[Mesh] OR cyclon\*[Title/Abstract] OR typhoon\*[Title/Abstract] OR hurricane\*[Title/Abstract] OR tornado\*[Title/Abstract] OR storms[Title/Abstract]) AND 2000/01/01:2023/03/31[dp] AND english [Filter] | 33 900 |
| #2 |  (dialysis[Title/Abstract] OR "dialysis"[Mesh] OR "renal dialysis"[Title/Abstract] OR "renal dialysis"[Mesh] OR hemodialysis ) AND 2000/01/01:2023/03/31[dp] AND english [Filter] | 131 025 |
| #3 | #1 AND #2 | 150 |
| #4 | ("renal replacement therapy"[MeSH] OR ESRD[Title/Abstract]) AND 2000/01/01:2023/03/31[dp] AND english [Filter] | 135 253 |
| #5 | (treatment\*[Title/Abstract] OR regimen\*[Title/Abstract] OR therap\*[Title/Abstract]) AND 2000/01/01:2023/03/31[dp] AND English [Filter] | 5225 877 |
| #6 | #2 OR #4 | 189 804 |
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| #7 | #1 AND #6 | 159 |
| #8 | #1 AND #6 AND #5 | 73 |

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Database: Web of Science

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| **Search number** | **Query** | **Results** |
| #1 | TOPIC：(natural disasters OR  cyclon\* OR typhoon\* OR hurricane\* OR tornado\* OR storms)*Limit:Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI Timespan=2000-2023*  | 167 026 |
| #2 | TOPIC：(dialy\* OR hemodialy\* OR haemodialy\* OR "renal replacement therapy" OR ESRD)*Limit:Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI Timespan=2000-2023* | 167 926 |
|  | TOPIC：(treatment\* OR regimen\* OR therap\*) *Limit:Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, ESCI Timespan=2000-2023* | 6 933 671 |
| #4 | #1 AND #2 | 265 |
| #5 | #1 AND #2 AND #3 | 165 |

Database: CINAHL complete (EBSCO)

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| **Search number** | **Query** | **Limiters/ Expanders** | **Last Run Via** | **Results** |
| S1 | MH natural disasters+ | Expanders - Apply equivalent subjectsSearch modes – Boolean / Phrase | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL Complete | 12 811 |
| S2 | TI natural disasters OR TI cyclon\* OR TI typhoon\* OR TI hurricane\* OR TI tornado\* OR TI storms | Expanders - Apply equivalent subjectsSearch modes – Boolean / Phrase | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL Complete | 6262 |
| S3 | AB natural disasters OR AB cyclon\* OR AB typhoon\* OR AB hurricane\* OR AB tornado\* OR AB storms | Expanders - Apply equivalent subjectsSearch modes – Boolean / Phrase | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL Complete | 6296 |
| S4 | S1 OR S2 OR S3 | Limiters - Published Date: 20000101-20230331; English Language; Language: EnglishExpanders - Apply equivalent subjectsSearch modes – Boolean / Phrase | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL Complete | 17 419 |
| S5 | MH dialysis+ OR MH dialysis patients OR MH hemodialysis+ OR MH renal replacement therapy+ OR MH Kidney Failure, Chronic+ | Expanders - Apply equivalent subjectsSearch modes – Boolean / Phrase | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL Complete | 56 190 |
| S6 | TI hemodialysis OR TI dialysis OR TI ESRD | Expanders - Apply equivalent subjectsSearch modes – Boolean / Phrase | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL Complete | 22 340 |
| S7 | AB hemodialysis OR AB dialysis OR AB ESRD | Expanders - Apply equivalent subjectsSearch modes – Boolean / Phrase | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL Complete | 26 198 |
| S8 | S5 OR S6 OR S7 | Limiters - Published Date: 20000101-20230331; English Language; Language: EnglishExpanders - Apply equivalent subjectsSearch modes – Boolean / Phrase | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL Complete | 58 234 |
| S9 | S4 AND S8 | Expanders - Apply equivalent subjectsSearch modes – Boolean / Phrase | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL Complete | 184 |
| S10 | TI treatment\* OR TI regimen\* OR TI therap\* | Expanders - Apply equivalent subjectsSearch modes – Boolean / Phrase | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL Complete | 557 448 |
| S11 | AB treatment\* OR AB regimen\* OR AB therap\* | Expanders - Apply equivalent subjectsSearch modes – Boolean / Phrase | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL Complete | 1 242 777 |
| S12 | S10 OR S11 | Limiters - Published Date: 20000101-20230331; English Language; Language: EnglishExpanders - Apply equivalent subjectsSearch modes – Boolean / Phrase | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL Complete | 1 358 008 |
| S13 | S9 AND S12 | Expanders - Apply equivalent subjectsSearch modes – Boolean / Phrase | Interface - EBSCOhost Research DatabasesSearch Screen - Advanced SearchDatabase - CINAHL Complete | 50 |

Database: EMBASE

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| **Search number** | **Query** | **Results** |
| #1 | 'natural disaster'/exp OR 'tornado'/exp OR cyclon\*:ab,ti OR typhoon\*:ab,ti OR 'natural disaster':ab,ti OR tornado\*:ab,ti OR hurricane\*:ab,ti | 28 299 |
| #2 | 'dialysis'/exp OR 'hemodialysis'/exp OR 'hemodialysis patient'/exp OR 'renal replacement therapy'/exp OR 'end stage renal disease'/exp OR dialy\*:ab,ti OR hemodialy\*:ab,ti OR  haemodialy\*:ab,ti | 726 725 |
| #3 | #1 AND #2 | 311 |
| #4 | #3 AND [1-1-2000]/sd NOT [31-3-2023]/sd AND [embase]/lim AND [humans]/lim  | 108 |

Database: Scopus

( ( TITLE-ABS-KEY ( {natural disasters} ) OR TITLE-ABS-KEY ( cyclon\* ) OR TITLE-ABS-KEY ( typhoon\* ) OR TITLE-ABS-KEY ( hurricane\* ) OR TITLE-ABS-KEY ( tornado\* ) ) ) AND ( ( TITLE-ABS-KEY ( dialy\* ) OR TITLE-ABS-KEY ( hemodialy\* ) OR TITLE-ABS-KEY ( haemodialy\*) OR TITLE-ABS-KEY ( {renal replacement therapy} ) OR TITLE-ABS-KEY(ESRD) ) ) AND ( LIMIT-TO ( SUBJAREA,"MEDI" ) OR LIMIT-TO ( SUBJAREA,"NURS" ) OR LIMIT-TO ( SUBJAREA,"HEAL" ) ) AND ( LIMIT-TO ( PUBYEAR,2021) OR LIMIT-TO ( PUBYEAR,2020) OR LIMIT-TO ( PUBYEAR,2019) OR LIMIT-TO ( PUBYEAR,2018) OR LIMIT-TO ( PUBYEAR,2017) OR LIMIT-TO ( PUBYEAR,2016) OR LIMIT-TO ( PUBYEAR,2015) OR LIMIT-TO ( PUBYEAR,2014) OR LIMIT-TO ( PUBYEAR,2013) OR LIMIT-TO ( PUBYEAR,2012) OR LIMIT-TO ( PUBYEAR,2011) OR LIMIT-TO ( PUBYEAR,2010) OR LIMIT-TO ( PUBYEAR,2008) OR LIMIT-TO ( PUBYEAR,2007) OR LIMIT-TO ( PUBYEAR,2006) OR LIMIT-TO ( PUBYEAR,2005) OR LIMIT-TO ( PUBYEAR,2004) OR LIMIT-TO ( PUBYEAR,2003) OR LIMIT-TO ( PUBYEAR,2002) OR LIMIT-TO ( PUBYEAR,2001) OR LIMIT-TO ( PUBYEAR,2000) ) AND ( LIMIT-TO ( LANGUAGE,"English" ) )