**Supplementary table 1.** Literature search strategy

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| --- |
| **Literature search scheme for Pubmed (224 results; 124 for queried terms "pemphigoid” AND gestationis and 100 records for queried terms “herpes” AND gestationis)**  **Search String:** |
| |  | | --- | | **#1** | | (pemphigoid) AND gestationis AND ((“1970/01/01”[PubDate]: “2020/03/24”[PubDate]))  Query translation: ("pemphigoid, bullous"[MeSH Terms] OR ("pemphigoid"[All Fields] AND "bullous"[All Fields]) OR "bullous pemphigoid"[All Fields] OR "pemphigoid"[All Fields]) AND gestationis[All Fields] AND ("1970/01/01"[PubDate] : "2020/03/24"[PubDate]) | | User query: ("pemphigoid, bullous"[MeSH Terms] OR ("pemphigoid"[All Fields] AND "bullous"[All Fields]) OR "bullous pemphigoid"[All Fields] OR "pemphigoid"[All Fields]) AND gestationis[All Fields] AND ("1970/01/01"[PubDate] : "2020/03/24"[PubDate]) | | **#2**  "herpes"[All Fields] AND GESTATIONIS [All Fields] AND ("1970/01/01"[PubDate]: "2020/03/24"[PubDate]) | |
| **Literature search scheme for Scopus (1478 results; 910 for queried terms "pemphigoid” AND gestationis and 568 records for queried terms “herpes” AND gestationis)**  **Search String:** |
| |  |  | | --- | --- | |  | **#1**  TITLE-ABS-KEY (''pemphigoid'' AND gestationis) AND PUBYEAR > 1969 AND PUBYEAR < 2021 | |  | **#2**  TITLE-ABS-KEY (''herpes'' AND gestationis) AND PUBYEAR > 1969 AND PUBYEAR  <  2021 | |
| **Literature search scheme for Web of Science (274 results; 210 for queried terms "pemphigoid” AND gestationis and 64 records for queried terms “herpes” AND gestationis)**  **Search String:** |
| |  |  | | --- | --- | |  | **#1** | |  | (TS=(pemphigoid\* near/2 gestationis\*))   *Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI Timespan=1970-2020* | |  | **#2**  (TS=(herpes\* near/2 gestationis\*))  Indexes: SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI Timespan=1970-2020 | |

**Supplementary table 2.** All included publications presenting cases of patients with pemphigoid gestationis

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Year of publication** | **First author** | **Year of publication** | **First author** | **Year of publication** | **First author** |
| 1976 | Hertz *et al.*1 | 1996 | Jenkins *et al.*37 | 2013 | Matsumoto *et al.*73 |
| 1976 | Reid *et al.*2 | 1996 | Lowe *et al.*38 | 2013 | Podolec-Rubis *et al.*74 |
| 1977 | Carruthers *et al.*3 | 1997 | Schild *et al.*39 | 2014 | Cabral *et al.*75 |
| 1977 | Reunala *et al.*4 | 1997 | Vaughan Jones *et al.*40 | 2014 | Hapa *et al.*76 |
| 1978 | Schiffner *et al.*5 | 1998 | Hern *et al.*41 | 2014 | Henry77 |
| 1980 | Grimwood *et al.*6 | 1999 | Chen *et al.*42 | 2014 | Ko *et al.*78 |
| 1980 | Holmes *et al.*7 | 1999 | Satoh *et al.*43 | 2014 | Kumar *et al.*79 |
| 1980 | Holmes *et al.*8 | 2000 | do Valle Chiossi *et al.*44 | 2014 | Minakawa *et al.*80 |
| 1980 | van de Wiel *et al.*9 | 2000 | Powell *et al.*45 | 2014 | Pérez *et al.*81 |
| 1981 | Eberst *et al.*10 | 2001 | Loo *et al.*46 | 2014 | Piva *et al.*82 |
| 1981 | Tindall *et al.*11 | 2002 | Amato *et al.*47 | 2014 | Samson *et al.*83 |
| 1982 | Burkhart12 | 2002 | Shimanovich *et al.*48 | 2014 | Senturk *et al.*84 |
| 1982 | Cutler13 | 2003 | Djahansouzi *et al.*49 | 2014 | Yang et al.85 |
| 1982 | Miyagawa *et al.*14 | 2003 | Wöhrl *et al.*50 | 2015 | Huilaja *et al.*86 |
| 1982 | Quimbly *et al.*15 | 2004 | Al-Mutairi *et al.*51 | 2015 | Nguyen *et al.*87 |
| 1982 | Slazinski *et al.*16 | 2004 | Kreuter *et al.*52 | 2015 | Seidel *et al.*88 |
| 1983 | Bercovitch *et al.*17 | 2004 | Wollina *et al.*53 | 2015 | Takayama *et al.*89 |
| 1983 | Shornick *et al.*18 | 2005 | Cozzani *et al.*54 | 2015 | Tani *et al.*90 |
| 1984 | Bonifazi *et al.*19 | 2005 | Heazell *et al.*55 | 2016 | Arakawa *et al.*91 |
| 1984 | MacDonald *et al.*20 | 2006 | Guven *et al.*56 | 2016 | Guerra *et al.*92 |
| 1984 | Shornick *et al.*21 | 2007 | Aoyama *et al.*57 | 2016 | Ingen-Housz-Oro *et al.*93 |
| 1985 | Fine *et al.*22 | 2007 | Cianchini *et al.*58 | 2016 | Özdemir *et al.*94 |
| 1986 | Costa *et al.*23 | 2007 | Rodrigues *et al.*59 | 2016 | Singla *et al.*95 |
| 1986 | Holmes *et al.*24 | 2007 | Hon *et al.*60 | 2017 | De la Calle *et al.*96 |
| 1987 | Jørgensen *et al.*25 | 2008 | Bedocs *et al.*61 | 2017 | Fania *et al.*97 |
| 1987 | Lao *et al.*26 | 2009 | Dahiya *et al.*62 | 2017 | Tourte *et al.*98 |
| 1990 | Eldor *et al.*27 | 2009 | Doiron *et al.*63 | 2017 | Zubor *et al.*99 |
| 1991 | Baxi *et al.*28 | 2010 | Lu *et al.*64 | 2018 | Almeida *et al.*100 |
| 1991 | Karna *et al.*29 | 2011 | Campbell *et al.*65 | 2018 | Dabas *et al.*101 |
| 1991 | Wolman *et al.*30 | 2011 | Marker *et al.*66 | 2018 | Veiga *et al.*102 |
| 1992 | Garvey *et al.*31 | 2012 | Fukuda *et al.*67 | 2018 | Oumerzouk *et al.*103 |
| 1994 | Kirtschig *et al.*32 | 2012 | Gan *et al.*68 | 2018 | Papapanagiotou *et al.*104 |
| 1994 | Naganathan *et al.*33 | 2012 | Patsatsi *et al.*69 | 2018 | Soares *et al.*105 |
| 1994 | Tanzi *et al.*34 | 2012 | Takatsuka *et al.*70 | 2018 | Warshafsky *et al.*106 |
| 1995 | Ibbotson *et al.*35 | 2012 | Thomas *et al.*71 | 2018 | Yang *et al.*107 |
| 1996 | Castle *et al.*36 | 2012 | Westermann *et al.*72 | 2019 | Merson *et al.*108 |
|  |  |  |  | 2019 | Wang *et al.*109 |

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**Supplementary table 3**. Retrospective series excluded due to insufficient data about pemphigoid gestationis treatment

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Authors** | **Total number of cases** | **Topical corticosteroids as monotherapy, n (%)** | **Systemic corticosteroids, n (%)** | **Systemic corticosteroids + steroid-sparing treatments, n (%)** | **Cited steroid-sparing treatments** |
| **Jenkins et al.** | 69 | 13 | 39 | 17 | Dapsone, pyridoxine, azathioprine, sulfapyridine, plasmapheresis |
| **Boulinguez et al. \*** | 10 | NA | 2 | 2 | Azathioprine, cyclophosphamide |
| **Castro et al.** | 10 | 3 | 3 | 4 | Azathioprine, tetracycline |
| **Chi et al.** | 61 | NA | 39 | NA | None |
| **Al-Saif et al.** | 31 | 0 | 30 | 1 | Intravenous immunoglobulin therapy |
| **Cobo et al.** | 7 | 1 | 5 | 1 | Azathioprine |
| **Hallaji et al.** | 23 | 4 | 18 | 1 | Azathioprine, mycophenolate, rituximab |
| **Rassai et al.** | 13 | 1 | 12 | 0 | None |

NA, No data available

\* no data on therapies for patients without persistent course (n=4); lost to follow-up (n=1); several associated therapies not specified (n=1)

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