

Project: CIVAS – evaluation of patient preferences for and cost effectiveness of Community IntraVenous Antibiotic Services

Search 2: IV antibiotics & Cellulitis or Cystic Fibrosis

Dates: 8-9th of April 2013.

CINAHL

- 1 (MH "Antiinfective Agents") OR (MH "Antibiotics+") OR (MH "Antifungal Agents+") OR (MH "Antiinfective Agents, Urinary+")
- 2 (MH "Administration, Intravenous+") OR (MH "Home Intravenous Therapy") OR (MH "Infusions, Intravenous") OR (MH "Injections, Intravenous") OR (MH "Intravenous Nursing") OR (MH "Intravenous Therapy")
- 3 S1 and s2
- 4 TX (parenteral or intravenous or IV or inject* or infusion*) N5 (antibiotic* or anti-biotic* or antimicrobial* or anti-microbial* or antifungal* or anti-fungal* or anti-infective or antiinfective* or antibiotherap*or anti-biotherap*)
- 5 outpatient antibiotic*
- 6 outpatient* parenteral or ophat or opat
- 7 s3 or s4 or s5 or s6
- 8 cystic N2 fibrosis
- 9 fibrocystic disease*
- 10 (MH "Cystic Fibrosis")
- 11 cellulitis
- 12 (MH "Cellulitis+")
- 13 (S8 OR S9 OR S10 OR S11 OR S12)
- 14 S7 AND S13

Cochrane Databases

Search Name: Civas Search 2

Last Saved: 09/04/2013 10:04:32.777

Description: 9.4.13 IV Antibiotics & Cellulitis or Cystic Fibrosis

ID Search

#1 MeSH descriptor: [Anti-Bacterial Agents] explode all trees

#2 MeSH descriptor: [Anti-Infective Agents] explode all trees

- #3 MeSH descriptor: [Antifungal Agents] explode all trees
- #4 #1 or #2 or #3
- #5 MeSH descriptor: [Administration, Intravenous] explode all trees
- #6 MeSH descriptor: [Infusions, Parenteral] explode all trees
- #7 MeSH descriptor: [Infusions, Intravenous] explode all trees
- #8 MeSH descriptor: [Injections, Intravenous] explode all trees
- #9 #5 or #6 or #7 or #8
- #10 ((parenteral or intravenous or IV or inject* or infusion*) near/6 (antibiotic* or anti-biotic* or antimicrobial* or anti-microbial* or antifungal* or anti-fungal* or anti-infective or antiinfective* or antibiotherap* or anti-biotherap*)):ti,ab
- #11 MeSH descriptor: [Home Infusion Therapy] explode all trees
- #12 (#4 and (#9 or #11)) or #10
- #13 "outpatient parenteral":ti,ab
- #14 "outpatient antibiotic* therapy":ti,ab
- #15 (ohpat or opat):ti,ab
- #16 #12 or #13 or #14 or #15
- #17 "cellulitis":ti,ab
- #18 MeSH descriptor: [Cellulitis] explode all trees
- #19 cystic near/3 fibrosis
- #20 "fibrocystic disease*" .ti,ab
- #21 MeSH descriptor: [Cystic Fibrosis] explode all trees
- #22 #17 or #18 or #19 or #20 or #21
- #23 #16 and #22

Database: Embase Classic+Embase <1947 to 2013 April 05>

Search Strategy:

- 1 ((parenteral or intravenous or IV or inject* or infusion*) adj5 (antibiotic* or anti-biotic* or antimicrobial* or anti-microbial* or antifungal* or anti-fungal* or anti-infective* or antiinfective* or anti-biotherap* or antibiotherap*)):ti. (2112)
- 2 exp *antiinfective agent/iv [Intravenous Drug Administration] (19739)
- 3 exp *antifungal agent/iv [Intravenous Drug Administration] (2521)
- 4 exp *antibiotic agent/iv (12404)
- 5 or/1-4 (21558)

- 6 *intravenous drug administration/ (7235)
- 7 exp *antiinfective agent/ (1120012)
- 8 exp *antibiotic agent/ (489631)
- 9 exp *antifungal agent/ (116411)
- 10 7 or 8 or 9 (1120012)
- 11 6 and 10 (629)
- 12 *antibiotic therapy/ (9300)
- 13 12 and (1 or 6) (296)
- 14 5 or 11 or 13 (22102)
- 15 (ohpat or opat).tw. (191)
- 16 "outpatient antibiotic* therapy".tw. (78)
- 17 "outpatient* parenteral".tw. (285)
- 18 14 or 15 or 16 or 17 (22258)
- 19 Cellulitis.tw. (8215)
- 20 exp cellulitis/ (12799)
- 21 (20 or 19) and 18 (400)
- 22 exp cystic fibrosis/ (47502)
- 23 (cystic adj fibrosis).tw. (41215)
- 24 "fibrocystic disease*".tw. (1304)
- 25 22 or 23 or 24 (55157)
- 26 18 and 25 (485)
- 27 21 or 26 (877)
- 28 limit 27 to "reviews (best balance of sensitivity and specificity)" (235)

Database: International Pharmaceutical Abstracts <1970 to March 2013>

Search Strategy: 8-4-13

- 1 ((parenteral or intravenous or IV or inject* or infusion*) adj5 (antibiotic* or anti-biotic* or antimicrobial* or anti-microbial* or antifungal* or anti-fungal* or anti-infective* or antiinfective* or anti-biotherap* or antibiotherap*)).tw. (1545)
- 2 antibiotic*.hw. (19159)
- 3 antifungal*.hw. (7166)
- 4 "anti-infective*".hw. (9372)

5 "antimicrobial".hw. (19)
6 or/2-5 (33260)
7 intravenous.hw. (6392)
8 parenteral*.hw. (3387)
9 "IV Therap*".hw. (90)
10 Infusion*.hw. (1285)
11 "IV injection*".hw. (15)
12 "IV infusion*".hw. (7)
13 "IV service*".hw. (2)
14 injection*.hw. (11940)
15 7 or 8 or 9 or 10 or 11 or 12 or 13 or 14 (19081)
16 "Drug administration routes (intravenous)".sh. (3751)
17 "Drug administration routes (parenteral)".sh. (364)
18 or/15-17 (19081)
19 6 and 18 (1560)
20 1 or 19 (2578)
21 "outpatient antibiotic* therapy".tw. (3)
22 "outpatient* parenteral*".tw. (25)
23 (OPAT or OPHAT).tw. (17)
24 or/20-23 (2586)
25 cellulitis.tw. (250)
26 cellulitis.hw. (100)
27 (cystic adj fibrosis).tw. (927)
28 cystic fibrosis.hw. (718)
29 "fibrocystic disease*".tw. (17)
30 "fibrocystic disease*".hw. (16)
31 or/25-30 (1250)
32 24 and 31 (97)

Database: Ovid MEDLINE(R) <1946 to March Week 4 2013>

Search Strategy: 8-4-13

- 1 exp *Anti-Bacterial Agents/ or *Anti-Infective Agents/ or exp *antifungal agents/
or exp *Anti-infective agents, Urinary/ (380181)
- 2 *Administration, Intravenous/ or *infusions, intravenous/ or *injections,
intravenous/ or *Home infusion therapy/ (5005)
- 3 1 and 2 (324)
- 4 ((parenteral or intravenous or IV or inject* or infusion*) adj5 (antibiotic* or anti-
biotic* or antimicrobial* or anti-microbial* or antifungal* or anti-fungal* or anti-
infective* or antiinfective* or antibiotherap*or anti-biotherap*)).ti. (1464)
- 5 3 or 4 (1649)
- 6 exp Anti-Bacterial Agents/ (498780)
- 7 Anti-Infective Agents/ (36330)
- 8 exp Anti-infective agents, Urinary/ (28211)
- 9 exp antifungal agents/ (126949)
- 10 or/6-9 (614703)
- 11 Administration, Intravenous/ (177)
- 12 infusions, intravenous/ (46068)
- 13 injections, intravenous/ (75786)
- 14 Home infusion therapy/ (580)
- 15 or/11-14 (120429)
- 16 ((parenteral or intravenous or IV or inject* or infusion*) adj5 (antibiotic* or anti-
biotic* or antimicrobial* or anti-microbial* or antifungal* or anti-fungal* or anti-
infective* or antiinfective* or antibiotherap*or anti-biotherap*)).tw. (10513)
- 17 (10 and 15) or 16 (20758)
- 18 "outpatient* parenteral".tw. [finds more] (189)
- 19 "outpatient parenteral antibiotic* therapy".tw. (103)
- 20 "outpatient antibiotic* therapy".tw. (64)
- 21 (ohpat or opat).tw. (116)
- 22 Cellulitis/ (6046)
- 23 cellulitis.tw. (5439)
- 24 Cystic Fibrosis/ (27005)
- 25 (cystic adj fibrosis).tw. (29491)

- 26 "fibrocystic disease*".tw. (807)
- 27 17 or 19 or 20 or 21 (20796)
- 28 or/22-26 (43980)
- 29 (5 or (18 or 19 or 20 or 21)) and 28 [major headings or title occurrence of IV Antibiotic terms AND MINOR Cell/CF terms] (125)
- 30 17 and 28 [most sensitive search] (1037)
- 31 limit 30 to "review articles" (150)
- 32 29 or 31 (254)

Database: Ovid MEDLINE(R) In-Process & Other Non-Indexed Citations <April 08, 2013>

Search Strategy:

- 1 exp *Anti-Bacterial Agents/ or *Anti-Infective Agents/ or exp *antifungal agents/ or exp *Anti-infective agents, Urinary/ (3)
- 2 *Administration, Intravenous/ or *infusions, intravenous/ or *injections, intravenous/ or *Home infusion therapy/ (0)
- 3 1 and 2 (0)
- 4 ((parenteral or intravenous or IV or inject* or infusion*) adj5 (antibiotic* or antibiotic* or antimicrobial* or anti-microbial* or antifungal* or anti-fungal* or anti-infective* or antiinfective* or antibiotherap*or anti-biotherap*)).ti. (76)
- 5 3 or 4 (76)
- 6 exp Anti-Bacterial Agents/ (4)
- 7 Anti-Infective Agents/ (0)
- 8 exp Anti-infective agents, Urinary/ (1)
- 9 exp antifungal agents/ (1)
- 10 or/6-9 (4)
- 11 Administration, Intravenous/ (0)
- 12 infusions, intravenous/ (0)
- 13 injections, intravenous/ (0)
- 14 Home infusion therapy/ (0)
- 15 or/11-14 (0)
- 16 ((parenteral or intravenous or IV or inject* or infusion*) adj5 (antibiotic* or antibiotic* or antimicrobial* or anti-microbial* or antifungal* or anti-fungal* or anti-infective* or antiinfective* or antibiotherap*or anti-biotherap*)).tw. (697)

- 17 (10 and 15) or 16 (697)
- 18 "outpatient* parenteral".tw. [finds more] (14)
- 19 "outpatient parenteral antibiotic* therapy".tw. (10)
- 20 "outpatient antibiotic* therapy".tw. (0)
- 21 (ohpat or opat).tw. (10)
- 22 Cellulitis/ (0)
- 23 cellulitis.tw. (367)
- 24 Cystic Fibrosis/ (0)
- 25 (cystic adj fibrosis).tw. (1089)
- 26 "fibrocystic disease*".tw. (39)
- 27 17 or 19 or 20 or 21 (698)
- 28 or/22-26 (1495)
- 29 *Cellulitis/ or *Cystic Fibrosis/ (0)
- 30 (cellulitis or (cystic adj fibrosis) or "fibrocystic disease*").ti. (777)
- 31 29 or 30 (777)
- 32 (5 or (18 or 19 or 20 or 21)) and 28 [major headings or title occurrence of IV Antibiotic terms AND MINOR Cell/CF terms] (7)
- 33 17 and 28 [most sensitive search] (55)
- 34 32 or 33 (55)

Web of Science: CPCI-S

Date: 18-4-2013

- 1 TS=(((("parenteral" or "intravenous" or "IV" or "inject*" or "infusion*")
- 2 NEAR/5 ("antibiotic*" or "anti-biotic*" or "antimicrobial*" or "anti-
- 3 microbial*" or "antifungal*" or "anti-fungal*" or "anti-infective*" or
- 4 "antiinfective*" or "antibiotherap*" or "anti-biotherap*"))))
- 5 TS=("infusion therap*")
- 6 Topic=("opat" or "ophat")
- 7 TS=("outpatient* parenteral")
- 8 TS=("outpatient antibiotic* therap*")
- 9 TS=(cystic NEAR/3 fibrosis)
- 10 TS=("fibrocystic disease*")
- 11 TS=("cellulitis")
- 12 (#1 or #2 or #3 or #4 or #5) and (#6 or #7 or #8)