APPENDICE 4

BIBLIOGRAFIA DEGLI STUDI INCLUSI NELLE REVISIONI

REFERENCES OF THE INCLUDED STUDIES

AIDS / AIDS

Revisioni (4): Handford 2011, Gandjour 2003, Halm 2002, Dudley2000
Totale degli studi inclusi (n.): 22
Anni di pubblicazione degli studi inclusi (range): 1989-2008
Anno ultima ricerca: 2009
Riferimenti bibliografici degli studi inclusi nelle revisioni:

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ANEURISMA DELL'AORTA ADDOMINALE NON ROTTO

NONRUPTURED ABDOMINAL AORTIC ANEURYSM

Revisioni (11): Phillips 2016, Marlow 2010b, Troeng 2008, Henebiens 2007, Holt 2007a, Killeen 2007, Young 2007, Wilt 2006, Gandjour 2003, Halm 2002, Dudley 2000
Totale degli studi inclusi (n.): 54
Anni di pubblicazione degli studi inclusi (range): 1988-2016
Anno ultima ricerca: 2015
Riferimenti bibliografici studi inclusi nelle revisioni:

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ANEURISMA DELL'AORTA ADDOMINALE ROTTO

RUPTURED ABDOMINAL AORTIC ANEURYSM

Revisioni (10): Phillips 2016, Marlow 2010b, Troeng 2008, Henebiens 2007, Holt 2007, Killeen 2007, Young 2007, Gandjour 2003, Halm 2002, Dudley 2000

Totale degli studi inclusi (n.): 24

Anni di pubblicazione degli studi inclusi (range): 1988-2016

Anno ultima ricerca: 2015

Riferimenti bibliografici studi inclusi nelle revisioni:

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ANEURISMA CEREBRALE / CEREBRAL ANEURYSM

Revisioni (2): Halm 2002, Dudley 2000
Totale degli studi inclusi (n.): 2
Anni di pubblicazione degli studi inclusi (range): 1996-1997
Anno ultima ricerca: 2000
Riferimenti bibliografici degli studi inclusi nelle revisioni:

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ANGIOPLASTICA CORONARICA / CORONARY ANGIOPLASTY

Revisioni (6): Lin 2016, Strom 2014, Post 2010, Gandjour 2003, Halm 2002, Dudley 2000
Totale degli studi inclusi (n.): 52
Anni di pubblicazione degli studi inclusi (range): 1994-2014
Anno ultima ricerca: 2015
Riferimenti bibliografici degli studi inclusi nelle revisioni:

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APPENDICECTOMIA / APPENDICECTOMY

Revisioni (1): Dudley 2000
Totale degli studi inclusi (n.): 2
Anni di pubblicazione degli studi inclusi (range): 1987
Anno ultima ricerca: 1998
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Hughes RG, Hunt SS, Luft HS. Effects of surgeon volume and hospital volume on quality of care in hospitals. Med Care 1987;25(6):489-503.
- Luft HS, Hunt SS, Maerki SC. The volume-outcome relationship: practice-makes-perfect or selective-referral patterns? Health Serv Res 1987;22(2):157-82.

ARTROPLASTICA ALL'ANCA / HIP ARTHOPLASTY

Revisioni (4): Prokopetz 2012, Gandjour 2003, Halm 2002, Dudley 2000
Totale degli studi inclusi (n.): 20
Anni di pubblicazione degli studi inclusi (range): 1987-2010
Anno ultima ricerca: 2010
Riferimenti bibliografici degli studi inclusi nelle revisioni:

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- Judge A, Chard J, Learmonth I, Dieppe P. The effects of surgical volumes and training centre status on outcomes following total joint replacement: analysis of the Hospital Episode Statistics for England. J Public Health (Oxf) 2006;28(2):116-24.
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ARTROPLASTICA AL GINOCCHIO / KNEE ARTHOPLASTY

Revisioni (6): Lau 2012, Marlow 2010a, Stengel 2004, Gandjour 2003, Halm 2002, Dudley 2000
Totale degli studi inclusi (n.): 29
Anni di pubblicazione degli studi inclusi (range): 1995-2007
Anno ultima ricerca: 2011
Riferimenti bibliografici degli studi inclusi nelle revisioni:

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ment for rural residents by location of service. Med Care 1995;33(12):1188-209.
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BYPASS AORTOCORONARICO / AORTOCORONARY BYPASS

Revisioni (6): Sepehripour 2013, Post 2010, Kalant 2004, Gandjour 2003, Halm 2002, Dudley 2000
Totale degli studi inclusi (n.): 35
Anni di pubblicazione degli studi inclusi (range): 1985-2012
Anno ultima ricerca: 2012
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Agostini M, Fino C, Torchio P et al. High OPCAB surgical volume improves mid-term event-free survival. Heart Surg Forum 2009;12(5):E250-55.
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- Hughes RG, Hunt SS, Luft HS. Effects of surgeon volume and hospital volume on quality of care in hospitals. Med Care 1987;25(6):489-503.
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- Marcin JP, Li Z, Kravitz RL, Dai JJ, Rocke DM, Romano PS. The CABG surgery volume-outcome relationship: temporal trends and selection effects in California, 1998-2004. Health Serv Res 2008;43(1 Pt 1):174-92.

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BYPASS AORTOFEMORALE / AORTOFEMORAL BYPASS

Revisioni (2): Halm 2002, Dudley 2000
Totale degli studi inclusi (n.): 2
Anni di pubblicazione degli studi inclusi (range): 1998-1999
Anno ultima ricerca: 2000
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Khuri SF, Daley J, Henderson W et al. Relation of surgical volume to outcome in eight common operations: results from the VA National Surgical Quality Improvement Program. Ann Surg 1999;230(3):414-29; discussion 429-32.
- Manheim LM, Sohn MW, Feinglass J, Ujiki M, Parker MA, Pearce WH. Hospital vascular surgery volume and procedure mortality rates in California, 1982-1994. J Vasc Surg 1998;28(1):45-56; discussion 56-58.

CATETERIZZAZIONE CARDIACA / CARDIAC CATHETERIZATION

Revisione (1): Dudley 2000
Totale degli studi inclusi (n.): 4
Anni di pubblicazione degli studi inclusi (range): 1973-1987
Anno ultima ricerca: 1998
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Adams DF, Fraser DB, Abrams HL. The complications of coronary arteriography. Circulation 1973;48(3):609-18.
- Hughes RG, Hunt SS, Luft HS. Effects of surgeon volume and hospital volume on quality of care in hospitals. Med Care 1987;25(6):489-503.
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CHIRURGIA BARIATRICA / BARIATRIC SURGERY

Revisione (2): Markar 2012a, Zevin 2012
Totale degli studi inclusi (n.): 26
Anni di pubblicazione degli studi inclusi (range): 1948-2011
Anno ultima ricerca: 2011
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Alami RS, Morton JM, Sanchez BR, Curet MJ, Wren SM, Safadi BY. Laparoscopic Roux-en-Y gastric bypass as a Veterans Affairs and high-volume academic facilities: a comparison of institutional outcomes. Am J Surg 2005;190(5):821-25.
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- Liu JH, Zingmond D, Etzioni DA et al. Characterizing the performance and outcomes of obesity surgery in California. Am Surg 2003;69(10):823-28.
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- Parker M, Loewen M, Sullivan T et al. Predictors of outcome after obesity surgery in NewYork state from 1991 to 2003. Surg Endos 2007;21(9):1482-86.
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CHIRURGIA DEL CANCRO DEL COLON

SURGERY FOR COLON CANCER

Revisioni (8): Archampong 2012, VanGijn 2010, Gruen 2009, Iversen 2006, Killen 2005, Pla 2003, Halm 2002, Hodgson 2001
Totale degli studi inclusi (n.): 31
Anni di pubblicazione degli studi inclusi (range): 1985-2011
Anno ultima ricerca: 2011
Riferimenti bibliografici degli studi inclusi nelle revisioni:

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predictors of major adverse outcomes following colon cancer surgery: understanding the volume-outcome relationship. Arch Surg 2007;142(1):23-31; discussion 32.
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CHIRURGIA DEL CANCRO DEL COLON RETTO
SURGERY FOR COLORECTAL CANCER

Revisioni (7): Archampong 2012, VanGijn 2010, Gruen 2009, Iversen 2006, Killen 2005, Hogdson 2001, Dudley 2000
Totale degli studi inclusi (n.): 21
Anni di pubblicazione degli studi inclusi (range): 1986-2007
Anno ultima ricerca: 2011
Riferimenti bibliografici degli studi inclusi nelle revisioni:

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CHIRURGIA DEL CANCRO DELL'ENDOMETRIO
SURGERY FOR ENDOMETRIAL CANCER

Revisioni (1): Mowatt 2016
Totale degli studi inclusi (n.): 3
Anni di pubblicazione degli studi inclusi (range): 2006-2012
Anno ultima ricerca: 2015
Riferimenti bibliografici degli studi inclusi nelle revisioni:

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CHIRURGIA DEL CANCRO DELL'ESOFAGO

SURGERY FOR OESOPHAGEAL CANCER

Revisioni (15): Brusselaers 2014, Gori 2014, Markar 2012b, Wouters 2011, Lauder 2010, Rouvelais 2010, Gruen 2009, Wouters 2009, Killeen 2005, Holscher 2004,Weitz 2004, Gandjour 2003, Pla 2003, Halm 2002, Dudley 2000

Totale degli studi inclusi (n.): 75

Anni di pubblicazione degli studi inclusi (range): 2000-2014

Anno ultima ricerca: 2013

Riferimenti bibliografici degli studi inclusi nelle revisioni:

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CHIRURGIA DEL CANCRO DEL FEGATO

SURGERY FOR LIVER CANCER

Revisioni (7): Richardson 2013, Garcea 2009, Gruen 2009, Killeen 2005, Gandjour 2003, Pla 2003, Dudley 2000

Totale degli studi inclusi (n.): 25

Anni di pubblicazione degli studi inclusi (range): 1998-2012

Anno ultima ricerca: 2012

Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Begg CB, Cramer LD, Hoskins WJ, Brennan MF. Impact of hospital volume on operative mortality for major cancer surgery. JAMA 1998;280(20):1747-51.
- Bilimoria KY, Bentrem DJ, Feinglass JM et al. Directing surgical quality improvement initiatives: comparison of perioperative mortality and long-term survival for cancer surgery. J Clin Oncol 2008;26(28):4626-33.
- Birkmeyer JD, Sun Y, Goldfaden A, Birkmeyer NJ, Stukel TA. Volume and process of care in high-risk cancer surgery. Cancer 2006;106(11):2476-81.
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CHIRURGIA DEL CANCRO DELLA MAMMELLA
SURGERY FOR BREAST CANCER

Revisioni (6): Gooiker 2010, Killeen 2005, Gandjour 2003, Pla 2003, Halm 2002, Dudley 2000
Totale degli studi inclusi (n.): 20
Anni di pubblicazione degli studi inclusi (range): 1995-2008
Anno ultima ricerca: 2010
Riferimenti bibliografici degli studi inclusi nelle revisioni:

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CHIRURGIA DEL CANCRO DELL'OVAIO
SURGERY FOR OVARIAN CANCER

Revisioni (2): Seror 2016; Du Bois 2009
Totale degli studi inclusi (n.): 16
Anni di pubblicazione degli studi inclusi (range): 1997-2015
Anno ultima ricerca: 2014
Riferimenti bibliografici degli studi inclusi nelle revisioni:

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CHIRURGIA DEL CANCRO DEL PANCREAS
SURGERY FOR PANCREATIC CANCER

Revisioni (11): Hata 2016, Gooiker 2011, Gruen 2009, van Heek 2005, Killeen 2005, Holscher 2004, Weitz 2004, Gandjour 2003, Pla 2003, Halm 2002, Dudley 2000
Totale degli studi inclusi (n.): 55
Anni di pubblicazione degli studi inclusi (range): 1993-2014
Anno ultima ricerca: 2014
Riferimenti bibliografici degli studi inclusi nelle revisioni:

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- GasperWJ, Glidden DV, Jin C,Way LW, Patti MG. Has recognition of the relationship between mortality rates and hospital volume for major cancer surgery in California made a difference?: A follow-up analysis of another decade. Ann Surg 2009;250(3):472-83.
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CHIRURGIA DEL CANCRO DEL POLMONE

SURGERY FOR LUNG CANCER

Revisioni (5): von Meyenfeldt 2012, Killeen 2005, Gandjour 2003, Pla 2003, Halm 2002

Totale degli studi inclusi (n.): 21

Anni di pubblicazione degli studi inclusi (range): 1992-2010

Anno ultima ricerca: 2011

Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Bach PB, Cramer LD, Schrag D, Downey RJ, Gelfand SE, Begg CB. The influence of hospital volume on survival after resection for lung cancer. N Eng J Med 2001; 345(3):181-88.
- Begg CB, Cramer LD, HoskinsWJ, Brennan MF. Impact of hospital volume on operative mortality for major cancer surgery. JAMA 1998;280(20):1747-51.
- Bilimoria KY, Bentrem DJ, Feinglass JM et al. Directing surgical quality improvement initiatives: comparison of perioperative mortality and long-term survival for cancer surgery. J Clin Oncol 2008;26(28):4626-33.
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- Simunovic M, Rempel E, Thériault ME et al. Influence of hospital characteristics on operative death and survival of patients after major cancer surgery in Ontario. Can J Surg 2006;49(4):251-58.
- Sioris T, Sihvo E, Sankila R, Salo J. Effect of surgical volume and hospital type on outcome in non-small cell lung cancer surgery: a Finnish population-based study. Lung Cancer 2008;59(1):119-25.
- Urbach DR, Bell CM, Austin PC. Differences in operative mortality between high- and low-volume hospitals in Ontario for 5 major surgical procedures: estimating the number of lives potentially saved through regionalization. CMAJ 2003;168(11):1409-14.

CHIRURGIA DEL CANCRO DELLA PROSTATA

SURGERY FOR PROSTATE CANCER

Revisioni (11): Trinh 2013, Wilson 2010, Barocas 2010, Mayer 2009, Wilt 2008, Killeen 2005, Nuttal 2004, Gandjour 2003, Pla 2003, Halm 2002, Dudley 2000
Totale degli studi inclusi (n.): 49
Anni di pubblicazione degli studi inclusi (range): 1966-2012
Anno ultima ricerca: 2011
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Alibhai SM, Leach M, Tomlinson G. Impact of hospital and surgeon volume on mortality and complications after prostatectomy. J Urol 2008;180(1):155-62; discussion 162-63.
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CHIRURGIA DEL CANCRO DEL RENE

SURGERY FOR KIDNEY CANCER

Revisioni (2): Killeen 2005, Nuttall 2004
Totale degli studi inclusi (n.): 4
Anni di pubblicazione degli studi inclusi (range): 1986-2003
Anno ultima ricerca: 2004
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Birkmeyer JD, Siewers AE, Finlayson EV et al. Hospital volume and surgical mortality in the United States. N Engl J Med 2002;346(15):1128-37.
- Finlayson EV, Goodney PP, Birkmeyer JD. Hospital volume and operative mortality in cancer surgery: a national study. Arch Surg 2003;138(7):721-25; discussion 726.
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CHIRURGIA DEL CANCRO DEL RETTO

SURGERY FOR RECTAL CANCER

Revisioni (12): Archampong 2012, Archampong 2010, Nugent 2010, VanGijn 2010, Gruen 2009, Salz 2008, Iversen 2006, Killen 2005, Gandjour 2003, Pla 2003, Halm 2002, Hogdson 2000
Totale degli studi inclusi (n.): 41
Anni di pubblicazione degli studi inclusi (range): 1995-2011
Anno ultima ricerca: 2011
Riferimenti bibliografici degli studi inclusi nelle revisioni:

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CHIRURGIA DEL CANCRO DELLO STOMACO

SURGERY FOR STOMACH CANCER

Revisioni (7): Gori 2014, Gruen 2009, Killeen 2005, Meyer 2005, Pla 2003, Halm 2002, Dudley 2000

Totale degli studi inclusi (n.): 33

Anni di pubblicazione degli studi inclusi (range): 1986-2011

Anno ultima ricerca: 2012

Riferimenti bibliografici degli studi inclusi nelle revisioni:

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- Damhuis RA, Meurs CJ, Dijkhuis CM, Stassen LP, Wiggers T. Hospital volume and post-operative mortality after resection for gastric cancer. Eur J Surg Oncol 2002;28(4):401-05.
- de Gara CJ, Hanson J, Hamilton S. A population-based study of tumor-node relationship, resection margins, and surgeon volume on gastric cancer survival. Am J Surg 2003;186(1):23-27.
- Enzinger PC, Benedetti JK, Meyerhardt JA et al. Impact of hospital volume on recurrence and survival after surgery for gastric cancer. Ann Surg 2007;245(3):426-34.
- Finlayson EV, Goodney PP, Birkmeyer JD. Hospital volume and operative mortality in cancer surgery: a national study. Arch Surg 2003;138(7):721-5; discussion 726.
- Fujita T, Yamazaki Y. Influence of surgeon's volume on early outcome after total gastrectomy. Eur J Surg 2002;168(10):535-38.
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- Wainess RM, Dimick JB, Upchurch GR Jr, Cowan JA, Mulholland MW. Epidemiology of surgically treated gastric cancer in the United States, 1988-2000. J Gastrointest Surg 2003;7(7):879-83.
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CHIRURGIA DEL CANCRO DELLA TESTA E DEL COLLO

SURGERY FOR HEAD AND NECK CANCER

Revisione (1): Eskander 2014

Totale degli studi inclusi (n.): 17

Anni di pubblicazione degli studi inclusi (range): 2008-2013

Anno ultima ricerca: 2013

Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Chen AY, Pavluck A, Halpern M, Ward E. Impact of treating facilities' volume on survival for early-stage laryngeal cancer. Head Neck 2009;31(9):1137-43.
- Chen AY, Fedewa S, Pavluck A, Ward EM. Improved survival is associated with treatment at high-volume teaching facilities for patients with advanced stage laryngeal cancer. Cancer 2010;116(20):4744-52.
- Cheung MC, Koniaris LG, Perez EA, Molina MA, Goodwin WJ, Salloum RM. Impact of hospital volume on surgical outcome for head and neck cancer. Ann Surg Oncol 2009;16(4):1001-09.
- Chien CR, Lin HW, Yang CH et al. High case volume of radiation oncologists is associated with better survival of nasopharyngeal carcinoma patients treated with radiotherapy: a multifactorial cohort analysis. Clin Otolaryngol 2011;36(6):558-65.
- Friese CR, Earle CC, Silber JH, Aiken LH. Hospital characteristics, clinical severity, and outcomes for surgical oncology patients. Surgery 2010;147(5):602-09.
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- Gourin CG, Forastiere AA, Sanguineti G, Koch WM, Marur S, Bristow RE. Impact of surgeon and hospital volume on short-term outcomes and cost of laryngeal cancer surgical care. Laryngoscope 2011;121(1):85-90.
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- Sharma A, Schwartz SM, Méndez E. Hospital volume is associated with survival but not multimodality therapy in Medicare patients with advanced head and neck cancer. Cancer 2013;119(10):1845-52.

CHIRURGIA DEL CANCRO DEL TESTICOLO

SURGERY FOR TESTIS CANCER

Revisione (1): Dudley 2000
Totale degli studi inclusi (n.): 1
Anni di pubblicazione degli studi inclusi (range): 1991
Anno ultima ricerca: 1998
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Aass N, Klepp O, Cavallin-Stahl E et al. Prognostic factors in unselected patients with nonseminomatous metastatic testicular cancer: a multicenter experience. J Clin Oncol 1991;9(5):818-26.

CHIRURGIA DEL CANCRO DELLA VESCICA

SURGERY FOR BLADDER CANCER

Revisioni (5): Moschini 2016, Goossens-Laan 2011, Mayer 2009, Killeen 2005, Nuttall 2004
Totale degli studi inclusi (n.): 26
Anni di pubblicazione degli studi inclusi (range): 1998-2015
Anno ultima ricerca: 2015
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Azzouni FS, Din R, Rehman S et al. The first 100 consecutive, robot-assisted, intracorporeal ileal conduits: evolution of technique and 90-day outcomes. Eur Urol 2013;63(4):637-43.
- Barbieri CE, Lee B, Cookson MS et al. Association of procedure volume with radical cystectomy outcomes in a nationwide database. J Urol 2007;178(4 Pt 1):1418-21.
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CHIRURGIA CARDIACA PEDIATRICA

PAEDIATRIC CARDIAC SURGERY

Revisioni (6): Preston 2015, Turner 2014, Pieper 2014, Gandjour 2003, Halm 2002, Dudley 2000
Totale degli studi inclusi (n.): 28
Anni di pubblicazione degli studi inclusi (range): 1995-2013
Anno ultima ricerca: 2013
Riferimenti bibliografici degli studi inclusi nelle revisioni:

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CHIRURGIA DEI TUMORI INTRACRANICI
SURGERY FOR INTRACRANIAL TUMOURS

Revisioni (1): Killeen 2005
Totale degli studi inclusi (n.): 1
Anni di pubblicazione degli studi inclusi (range): 2003
Anno ultima ricerca: 2004
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Cowan JA Jr, Dimick JB, Leveque JC, Thompson BG, Upchurch GR Jr, Hoff JT. The impact of provider volume on mortality after intracranial tumor resection. Neurosurgery 2003;52(1):48-53; discussion 53-54.

COLECISTECTOMIA / CHOLECYSTECTOMY

Revisioni (2): Gandjour 2003, Dudley 2000
Totale degli studi inclusi (n.): 6
Anni di pubblicazione degli studi inclusi (range): 1986-1999
Anno ultima ricerca: 2000
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Hannan EL, O'Donnell JF, Kilburn H Jr, Bernard HR, Yazici A. Investigation of the relationship between volume and mortality for surgical procedures performed in New York State hospitals. JAMA 1989;262(4):503-10.
- Hughes RG, Hunt SS, Luft HS. Effects of surgeon volume and hospital volume on quality of care in hospitals. Med Care 1987;25(6):489-503.
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COLECTOMIA / COLECTOMY

Revisione (1): Gandjour 2003
Totale degli studi inclusi (n.): 1
Anni di pubblicazione degli studi inclusi (range): 1999
Anno ultima ricerca: 2000
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Khuri SF, Daley J, Henderson W et al. Relation of surgical volume to outcome in eight common operations: results from the VA National Surgical Quality Improvement Program. Ann Surg 1999;230(3):414-24; discussion 429-32.

DIALISI / DIALYSIS

Revisioni (1): Pieper 2015
Totale degli studi inclusi (n.): 16
Anni di pubblicazione degli studi inclusi (range): 1986-2014
Anno ultima ricerca: 2014
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Afolalu B, Troidle L, Osayimwen O, Bhargava J, Kitsen J, Finkelstein FO. Technique failure and center size in a large cohort of peritoneal dialysis patients in a defined geographic area. Perit Dial Int 2009;29(3):292-96.
- Castrale C, Evans D, Verger C et al. Peritoneal dialysis in elderly patients: report from the French Peritoneal Dialysis Registry (RDPLF). Nephrol Dial Transplant 2010;25(1):255-62.
- Eisenstein EL, Sun JL, Anstrom KJ et al. Re-evaluating the volume-outcome relationship in hemodialysis patients. Health policy 2008;88(2-3):317-25.
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EMORRAGIA SUBARACNOIDEA
SUBARACHNOID HEMORRHAGE

Revisioni (3): Boogaarts 2014, Vespa 2011, Dudley 2000
Totale degli studi inclusi (n.): 11
Anni di pubblicazione degli studi inclusi (range): 1987-2012
Anno ultima ricerca: 2012
Riferimenti bibliografici degli studi inclusi nelle revisioni:

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ENDOARTERECTOMIA CAROTIDEA
CAROTIC ENDARTERECTOMY

Revisioni (5): Holt 2007b, Killeen 2007, Gandjour 2003, Halm 2002, Dudley 2000
Totale degli studi inclusi (n.): 36
Anni di pubblicazione degli studi inclusi (range): 1984-2005
Anno ultima ricerca: 2005
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- AbuRahma AF, Boland J, Robinson P. Complications of carotid endarterectomy: the influence of case load. South Med J 1988;81(6):711-15.
- Birkmeyer JD, Siewers AE, Finlayson EV, et al. Hospital volume and surgical mortality in the United States. N Engl JMed 2002;346(15):1128-37.
- Brook RH, Park RE, ChassinMR, Kosecoff J, Keesey J, Solomon DH. Carotid endarterectomy for elderly patients: predicting complications. Ann Intern Med 1990;113(10):747-53.
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- Cowan JA Jr, Dimick JB, Thompson BG, Stanley JC, Upchurch GR Jr. Surgeon volume as an indicator of outcomes after carotid endarterectomy: an effect independent of specialty practice and hospital volume. J Am Coll Surg 2002;195(6):814-21.
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- Hannan EL, Popp AJ, Tranmer B, Fuestel P, Waldman J, Shah D. Relationship between provider volume and mortality for carotid endarterectomies in New York state. Stroke 1998;29(11):2292-97.
- Hannan EL, Popp AJ, Feustel P et al. Association of surgical specialty and processes of care with patient outcomes for carotid endarterectomy. Stroke 2001;32(12):2890-97.
- Hartun NL, Kongable GL, Baglioni AJ, Meakem TD, Kron IL. Examination of sex as an independent risk factor for adverse events after carotid endarterectomy. J Vasc Surg 2005;41(2):223-30.
- Hsia DC, Moscoe LM, Krushat WM. Epidemiology of carotid endarterectomy among Medicare beneficiaries: 1985-1996 update. Stroke 1998;29(2):346-50.
- Kantonen I, Lepantalo M, Salenius JP, Matzke S, Luther M, Ylonen K. Mortality in abdominal aortic aneurysm surgery – the effect of hospital volume, patient mix and surgeon's case load. Eur J Vasc Endovasc Surg 1997;14(5):375-79.
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- Khuri SF, Daley J, Henderson W et al. Relation of surgical volume to outcome in eight common operations: results from the VA National Surgical Quality Improvement Program. Ann Surg 1999;230(3):414-29.
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- Mayo SW, Eldrup-Jorgensen J, Lucas FL, Wennberg DE, Bredenberg CE. Carotid endarterectomy after NASCET and ACAS: a statewide study. North American Symptomatic Carotid Endarterectomy Trial. Asymptomatic Carotid Artery Stenosis Study. J Vasc Surg 1998;27(6):1017-22; discussion 1022-23.
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- Richardson JD, Main KA. Carotid endarterectomy in the elderly population: a statewide experience. J Vasc Surg 1989;9(1):65-73.
- Roddy SP, O'Donnell TF Jr, Wilson AL, Estes JM, Mackey WC. The Balanced Budget Act: potential implications for the practice of vascular surgery. J Vasc Surg 2000;31(2):227-36.
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- Segal HE, Rummel L, Wu B. The utility of PRO data on surgical volume: the example of carotid endarterectomy. QRB Qual Rev Bull 1993;19(5):152-57.
- Wennberg DE, Lucas FL, Birkmeyer JD, Bredenberg CE, Fisher ES. Variation in carotid endarterectomy mortality in the Medicare population: trial hospitals, volume, and patient characteristics. JAMA 1998;279(16):1278-81.

ERNIA INGUINALE / INGUINAL HERNIA

Revisione (1): Dudley 2000
Totale degli studi inclusi (n.): 4
Anni di pubblicazione degli studi inclusi (range): 1986-1992
Anno ultima ricerca: 1998
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Farley DE, Ozminkowski RJ. Volume-outcome relationships and inhospital mortality: the effect of changes in volume over time. Med Care 1992;30(1):77-94.
- Hughes RG, Hunt SS, Luft HS. Effects of surgeon volume and hospital volume on quality of care in hospitals. Med Care 1987;25(6):489-503.
- Luft HS, Hunt SS, Maerki SC. The volume-outcome relationship: practice-makes-perfect or selective-referral patterns? Health Serv Res 1987;22(2):157-82.
- Maerki SC, Luft HS, Hunt SS. Selecting categories of patients for regionalization. Implications of the relationship between volume and outcome. Med Care 1986;24(2):148-58.

FRATTURA DEL FEMORE / HIP FRACTURE

Revisioni (2): Gandjour 2003, Halm 2002
Totale degli studi inclusi (n.): 3
Anni di pubblicazione degli studi inclusi (range): 1997-2000
Anno ultima ricerca: 2000
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Hamilton BH, Ho V. Does practice make perfect? Examining the relationship between hospital surgical volume and outcomes for hip fracture patients in Quebec. Med Care 1998;36(6):892-903.
- Taylor HD, Dennis DA, Crane HS. Relationship between mortality rates and hospital patient volume for Medicare patients undergoing major orthopaedic surgery of the hip, knee, spine, and femur. J Artholasty 1997;12(3):235-42.
- Wenning M, Hupe K, Scheuer I, Senninger N, Smektala R, Windhorst T. Does quantity mean quality? An analysis of 116,000 patients regarding the connection between the number of cases and the quality of results. Chirurg 2000;71(6):717-22.

ICTUS / STROKE

Revisioni (1): Ling 2013
Totale degli studi inclusi (n.): 4
Anni di pubblicazione degli studi inclusi (range): 2007-2012
Anno ultima ricerca: 2012
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Alvarez-Sabin J, Serena J, Moy M et al. The number of strokes admissions/year per hospital predicts the outcome. Abstract presentato alla "19th European Stroke Conference". Barcelona (Spain) 25-28 maggio 2010.
- Hall R, Fang J, Hodwitz K, Bayley, M. Does the volume of stroke/TIA admissions relate to clinical outcomes in the Ontario stroke system? Abstract presentato alla International Stroke Conference 2012. New Orleans (LA), 1-3 febbraio 2012.
- Saposnik G, Baibergenova A, O'Donnell M et al. Hospital volume and stroke outcome: does it matter? Neurology 2007;69(11):1142-51.
- Svendsen ML, Ehlers LH, Ingeman A, Johnsen SP. Higher stroke unit volume associated with improved quality of early stroke care and reduced length of stay. Stroke 2012;43(11):3041-45.

INFARTO DEL MIOCARDIO / MYOCARDIAL INFARCTION

Revisioni (3): Gandjour 2003, Halm 2002, Dudley 2000
Totale degli studi inclusi (n.): 5
Anni di pubblicazione degli studi inclusi (range): 1986-1999
Anno ultima ricerca: 2000
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Casale PN, Jones JL,Wolf FE, Pei Y, Eby LM. Patients treated by cardiologists have a lower in-hospital mortality for acute myocardial infarction. J Am Coll Cardiol 1998; 32(4):885-89.
- Farley DE, Ozminkowski RJ. Volume-outcome relationships and inhospital mortality: the effect of changes in volume over time. Med Care 1992;30(1):77-94.
- Luft HS, Hunt SS, Maerki SC. The volume-outcome relationship: practice-makes-perfect or selective-referral patterns? Health Serv Res 1987;22(2):157-82.
- Maerki SC, Luft HS, Hunt SS. Selecting categories of patients for regionalization. Implications of the relationship between volume and outcome. Med Care 1986;24(2):148-58.
- Thiemann DR, Coresh J, OetgenWJ, Powe NR. The association between hospital volume and survival after acute myocardial infarction in elderly patients. N Engl J Med 1999;340(21):1640-48.

INSUFFICIENZA RESPIRATORIA / RESPIRATORY INSUFFICIENCY

Revisione (1): Dudley 2000
Totale degli studi inclusi (n.): 2
Anni di pubblicazione degli studi inclusi (range): 1986-1987
Anno ultima ricerca: 1998
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Luft HS, Hunt SS, Maerki SC. The volume-outcome relationship: practice-makes-perfect or selective-referral patterns? Health Serv Res 1987;22(2):157-82.
- Maerki SC, Luft HS, Hunt SS. Selecting categories of patients for regionalization. Implications of the relationship between volume and outcome. Med Care 1986;24(2):148-58.

ISTERECTOMIA / HYSTERECTOMY

Revisione (3):Mowatt 2016, Doll 2013, Dudley 2000
Totale degli studi inclusi (n.): 11
Anni di pubblicazione degli studi inclusi (range): 1987-2015
Anno ultima ricerca: 2015
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Boyd L, Novetsky A, Curtin J. Effect of surgical volume on route of hysterectomy and short-term morbidity. Obstet Gynecol 2010;116(4):909-15.
- Diaz-Montes TP, Zahurak ML, Giuntoli RL 2nd, Gardner GJ, Bristow RE. Uterine cancer in Maryland: impact of surgeon case volume and other prognostic factors on short-term mortality. Gynecol Oncol 2006;103(3):1043-47.
- Hanstede MM, Wise LA, Stewart EA, Feldman S. The relation of annual surgeon case volume to clinical outcomes and resource utilization in abdominal hysterectomy. J Reprod Med 2009;54(4):193-202.
- Hughes RG, Hunt SS, Luft HS. Effects of surgeon volume and hospital volume on quality of care in hospitals. Med Care 1987;25(6):489-503.
- Luft HS, Hunt SS, Maerki SC. The volume-outcome relationship: practice-makes-perfect or selective-referral patterns? Health Serv Res 1987;22(2):157-82.
- Rogo-Gupta L, Lewin S, Kim JH et al. The effect of surgeon volume on outcomes and resource use for vaginal hysterectomy. Obstet Gynecol 2010;116(6):1341-47.
- Tunitsky E, Citil A, Ayaz R, Esin S, Knee A, Harmanli O. Does surgical volume influence short-term outcomes of laparoscopic hysterectomy? Am J Obstet Gynecol 2010;203(1):24.e1-6.
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- Wallenstein M, Ananth C, Kim J et al. Effect of surgical volume on outcomes for laparoscopic hysterectomy for benign indications. Obstet Gynecol 2012;119(4):709-16.
- Wright JD, Hersman DL, Burke WM et al. Influence of surgical volume on outcome for laparoscopic hysterectomy for endometrial cancer. Am Surg Oncol 2012;19(3):948-58.
- Wright JD, Lewin SN, Deutsch I, Burke WM, Sun X, Herzog TJ. Effect of surgical volume on morbidity and mortality of abdominal hysterectomy for endometrial cancer. Obstet Gynecol 2011;117(5):1051-59.

ONCOLOGIA PEDIATRICA / PAEDIATRIC ONCOLOGY

Revisioni (3): Knops 2013, MaAteer 2013, Dudley 2000
Totale degli studi inclusi (n.): 6
Anni di pubblicazione degli studi inclusi (range): 1989-2009
Anno ultima ricerca: 2012
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Danjoux CE, Jenkin RD, McLaughlin J et al. Childhood medulloblastoma in Ontario, 1977-1987: population-based results. Med Pediatr Oncol 1996;26(1):1-9.
- Gutierrez JC, Koniaris LG, Cheung MC, Byrne MM, Fischer AC, Sola JE. Cancer care in the pediatric surgical patient: a paradigm to abolish volume-outcome disparities in surgery. Surgery 2009;145(1):76-85.
- Halperin EC, Laurie F, Fitzgerald TJ. An evaluation of the relationship between the quality of prophylactic cranial radiotherapy in childhood acute leukemia and institutional experience: a Quality Assurance Review Center-Pediatric Oncology Group study. Int J Radiat Oncol Biol Phys 2002;53(4):1001-04.
- Smith ER, Butler WE, Barker FG 2nd. Craniotomy for resection of pediatric brain tumors in the United States, 1988 to 2000: effects of provider caseloads and progressive centralization and specialization of care. Neurosurgery 2004;54(3):553-63; discussion 563-65.
- Stiller CA, Draper GJ. Treatment centre size, entry to trials, and survival in acute lymphoblastic leukaemia. Arch Dis Child 1989;64(5):657-61.
- Stiller CA, Eatock EM. Patterns of care and survival for children with acute lymphoblastic leukaemia diagnosed between 1980 and 1994. Arch Dis Child 1999;81(3):202-08.

RIVASCOLARIZZAZIONE DEGLI ARTI INFERIORI / LOWER-LIMB REVASCULARISATION

Revisioni (2): Awopetu 2010, Killeen 2007
Totale degli studi inclusi (n.): 10
Anni di pubblicazione degli studi inclusi (range): 1984-2005
Anno ultima ricerca: 2009
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Bates EW, Berki SE, Homan RK, Lindenauer SM. The challenge of benchmarking: surgical volume and operative mortality in Veterans Administration Medical Centers. Best Pract Benchmarking Healthc 1996;1(1):34-42.
- Birkmeyer JD, Siewers AE, Finlayson EV et al. Hospital volume and surgical mortality in the United States. N Engl JMed 2002; 346:1128-1137.
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- Kantonen I, Lepantalo M, Luther M, Salenius P, Ylonen K. Factors affecting the results of surgery for chronic critical leg ischemia – a nationwide survey. Finnvasc Study Group. J Vasc Surg 1998;27(5):940-47.

- Manheim LM, Sohn MW, Feinglass J, Ujiki M, Parker MA, Pearce WH. Hospital vascular surgery volume and procedure mortality rates in California, 1982-1994. J Vasc Surg 1998;28(1):45-56; discussion 56-58.
- Michaels JA, Rutter P, Collin J, Legg FM, Galland RB. Relation between rates of leg amputation and distal arterial reconstructive surgery. Oxford Regional Vascular Audit Group. BMJ 1994;309(6967):1479-80.
- Pearce WH, Parker MA, Feinglass J, Ujiki M, Manheim LM. The importance of surgeon volume and training in outcomes for vascular surgical procedures. J Vasc Surg 1999;29(5):768-76; discussion 777-78.
- Troeng T, Bergqvist D, Janson L. Incidence and causes of adverse outcomes of operation for chronic ischaemia of the leg. Eur J Surg 1994;160(1):17-25.

SEPSI / SEPSIS

Revisioni (1): Gu 2016
Totale degli studi inclusi (n.): 10
Anni di pubblicazione degli studi inclusi (range): 2007-2015
Anno ultima ricerca: 2015
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Banta JE, Joshi KP, Beeson L, Nguyen HB. Patient and hospital characteristics associated with inpatient severe sepsis mortality in California, 2005-2010. Crit Care Med 2012;40(11):2960-66
- Gaieski DF, Edwards JM, Kallan MJ, Mikkelsen ME, Goyal M, Carr BG. The relationship between hospital volume and mortality in severe sepsis. Am J Respir Crit Care Med 2014;190(6):665-74.
- Goodwin AJ, Simpson KN, Ford DW. Volume-mortality relationships during hospitalization with severe sepsis exist only at low case volumes. Ann Am Thorac Soc 2015;12(8):1177-84.
- Kocher KE, Haggins AN, Sabbatini AK, Sauser K, Sharp AL. Emergency department hospitalization volume and mortality in the United States. Ann Emerg Med 2014;64(5):446-57.e6.
- Peelen L, de Keizer NF, Peek N, Scheffer GJ, van der Voort PH, de Jonge E. The influence of volume and intensive care unit organization on hospital mortality in patients admitted with severe sepsis: a retrospective multicentre cohort study. Crit Care 2007;11(2):R40.
- Powell ES, Khare RK, Courtney DM, Feinglass J. Volume of emergency department admissions for sepsis is related to inpatient mortality: results of a nationwide cross-sectional analysis. Crit Care Med 2010;38(11):2161-68.
- Shahin J, Harrison DA, Rowan KM. Relation between volume and outcome for patients with severe sepsis in United Kingdom: retrospective cohort study. BMJ 2012;344:e3394.
- Shahul S, Hacker MR, Novack V et al. The effect of hospital volume on mortality in patients admitted with severe sepsis. PLoS One 2014;9(9):e108754.
- Walkey AJ, Wiener RS. Hospital case volume and outcomes among patients hospitalized with severe sepsis. Am J Respir Crit Care Med 2014;189(5):548-55.
- Zuber B, Tran TC, Aegerter P et al. Impact of case volume on survival of septic shock in patients with malignancies. Crit Care Med 2012;40(1):55-62.

TERAPIA INTENSIVA / INTENSIVE CARE

Revisioni (2): Nguyen 2014, Kanhere 2012
Totale degli studi inclusi (n.): 45
Anni di pubblicazione degli studi inclusi (range): 1995-2014
Anno ultima ricerca: 2014
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Ananthakrishnan AN, McGinley EL, Saeian K. Effect of hospital volume and teaching status on outcomes of acute liver failure. Liver Transpl 2008;14(9):1347-56.
- Banta JE, Joshi KP, Beeson L, Nguyen HB. Patient and hospital characteristics associated with inpatient severe sepsis mortality in California, 2005-2010. Crit Care Med 2012;40(11):2960-66.
- Callaway CW, Schmicker R, Kampmeyer M et al. Receiving hospital characteristics associated with survival after out-of-hospital cardiac arrest. Resuscitation 2010;81(5):524-29.
- Carr BG, Kahn JM, Merchant RM, Kramer AA, Neumar RW. Inter-hospital variability in post-cardiac arrest mortality. Resuscitation 2009;80(1):30-34.
- Cha WC, Lee SC, Shin SD, Song KJ, Sung AJ, Hwang SS. Regionalisation of out-of-hospital cardiac arrest care for patients without prehospital return of spontaneous circulation. Resuscitation 2012;83(11):1338-42.
- Chen EW, Canto JG, Parsons LS et al. Relation between hospital intra-aortic balloon counterpulsation volume and mortality in acute myocardial infarction complicated by cardiogenic shock. Circulation 2003;108(8):951-57.
- Cooke CR, Kennedy EH, Wiitala WL, Almenoff PL, Sales AE, Iwashyna TJ. Despite variation in volume, Veterans Affairs hospitals show consistent outcomes among patients with nonpostoperative mechanical ventilation. Crit Care Med 2012;40(9):2569-75.
- Cross DT 3rd, Tirschwell DL, Clark MA et al. Mortality rates after subarachnoid hemorrhage: variations according to hospital case volume in 18 states. J Neurosurg 2003;99(5):810-17.
- Cudnik MT, Sasson C, Rea TD et al. Increasing hospital volume is not associated with improved survival in out of hospital cardiac arrest of cardiac etiology. Resuscitation 2012;83(7):862-68.
- Darmon M, Azoulay E, Fulgencio JP et al. Procedure volume is one determinant of centre effect in mechanically ventilated patients. Eur Respir J 2011;37(2):364-70.
- Dimick JB, Pronovost PJ, Cowan JA, Lipsett PA. Surgical volume and quality of care for esophageal resection: do high-volume hospitals have fewer complications? Ann Thorac Surg 2003;75(2):337-41.
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- Dres M, Tran TC, Aegerter P et al. Influence of ICU case-volume on the management and hospital outcomes of acute exacerbations of chronic obstructive pulmonary disease. Crit Care Med 2013;41(8):1884-92.
- Durairaj L, Torner JC, Chrischilles et al. Hospital volume-outcome relationships among medical admissions to ICUs. Chest 2005;128(3):1682-89.
- Fernández R, Altaba S, Cabre L et al. Relationship between volume and survival in closed intensive care units is weak and apparent only in mechanically ventilated patients. Anesthesiology 2013;119(4):871-79.
- Giles KA, Hamdan AD, Pomposelli FB, Wyers MC, Dahlberg SE, Schermerhorn ML. Population-based outcomes following endovascular and open repair of ruptured abdominal aortic aneurysms. J Endovasc Ther 2009;16(5):554-64.
- Glance LG, Li Y, Osler TM, Dick A, Mukamel DB. Impact of patient volume on the mortality rate of adult intensive care unit patients. Crit Care Med 2006;34(7):1925-34.
- Gopal S, O'Brien R, Pooni J. The relationship between hospital volume and mortality following mechanical ventilation in the intensive care unit. Minerva Anestesiol 2011;77(1):26-32.
- Iapichino G, Gattinoni L, Radrizzani D et al. Volume of activity and occupancy rate in intensive care units. Association with mortality. Intensive Care Med 2004;30(2):290-97.
- Jones J, Rowan K. Is there a relationship between the volume of work carried out in intensive care and its outcome? Int J Technol Assess Health Care 1995;11(4):762-69.
- Joseph B, Morton JM, Hernandez-Boussard T, Rubinfeld I, Faraj C, Velanovich V. Relationship between hospital volume, system clinical resources, and mortality in pancreatic resection. J Am Coll Surg 2009;208(4):520-27.
- Kahn JM, Goss CH, Heagerty PJ, Kramer AA, O'Brien CR, Rubenfeld GD. Hospital volume and the outcomes of mechanical ventilation. N Engl J Med 2006;355(1):41-50.
- Kahn JM, Ten Have TR, Iwashyna TJ. The relationship between hospital volume and mortality in mechanical ventilation: an instrumental variable analysis. Health Serv Res 2009;44(3):862-79.
- Knipp BS, Deeb GM, Prager RL, Williams CY, Upchurch GR Jr, Patel HJ. A contemporary analysis of outcomes for operative repair of type A aortic dissection in the United States. Surgery 2007;142(4):524-28; discussion; 528.e1.
- Kuo EY, Chang Y, Wright CD. Impact of hospital volume on clinical and economic outcomes for esophagectomy. Ann Thorac Surg 2001;72(4):1118-24.
- Lecuyer L, Chevret S, Guidet B et al. Case volume and mortality in haematological patients with acute respiratory failurean. Eur Respir J 2008;32(3):748-54.
- Lin HC, Xirasagar S, Chen CH, Hwang YT. Physician's case volume of intensive care unit pneumonia admissions and in-hospital mortality. Am J Respir Crit Care Med 2008;177(9):989-94.
- Macomber CW, Shaw JJ, Santry H et al. Centre volume and resource consumption in liver transplantation. HPB (Oxford) 2012;14(8):554-59.
- Metnitz B, Metnitz PG, Bauer P, Valentin A; ASDI Study Group. Patient volume affects outcome in critically ill patients. Wien Klin Wochenschr 2009;121(1-2):34-40.
- Moran JL, Bristow P, Solomon PJ, George C, Hart GK; Australian and New Zealand Intensive Care Society Database Management Committee (ADMC). Mortality and length-of-stay outcomes, 1993-2003, in the binational Australian and New Zealand intensive care adult patient database. Crit Care Med 2008;36(1):46-61.
- Needham DM, Bronskill SE, Rothwell DM et al. Hospital volume and mortality for mechanical ventilation of medical and surgical patients: a population-based analysis using administrative data. Crit Care Med 2006;34(9):2349-54.
- Nguyen YL, Milbrandt EB, Weissfeld LA et al. Intensive care unit renal support therapy volume is not associated with patient outcome. Crit Care Med 2011;39(11):2470-77.
- Nuño M, Patil CG, Lyden P, Drazin D. The effect of transfer and hospital volume in subarachnoid hemorrhage patients. Neurocrit Care 2012;17(3):312-23.
- Peelen L, de Keizer NF, Peek N, Scheffer GJ, van der Voort PH, de Jonge E. The influence of volume and intensive care unit organization on hospital mortality in patients admitted with severe sepsis: a retrospective multicentre cohort study. Crit Care 2007;11(2):R40.
- Powell ES, Khare RK, Courtney DM, Feinglass J. Volume of emergency department admissions for sepsis is related to inpatient mortality: results of a nationwide cross-sectional analysis. Crit Care Med 2010;38(11):2161-68.
- Reinikainen M, Karlsson S, Varpula T et al. Are small hospitals with small intensive care units able to treat patients with severe sepsis? Intensive Care Med 2010;36(4):673-79.

- Ro YS, Shin SD, Song KJ et al. A comparison of outcomes of out-of-hospital cardiac arrest with non-cardiac etiology between emergency departments with low- and high-resuscitation case volume. Resuscitation 2012;83(7):855-61.
- Shahin J, Harrison DA, Rowan KM. Is the volume of mechanically ventilated admissions to UK critical care units associated with improved outcomes? Intensive Care Med 2014;40(3):353-60.
- Shahin J, Harrison DA, Rowan KM. Relation between volume and outcome for patients with severe sepsis in United Kingdom: retrospective cohort study. BMJ 2012;344:e3394.
- Shen HN, Lu CL, Li CY. The effect of hospital volume on patient outcomes in severe acute pancreatitis. BMC Gastroenterol 2012;12:112.
- Shin SD, Suh GJ, Ahn KO, Song KJ. Cardiopulmonary resuscitation outcome of out-of-hospital cardiac arrest in low-volume versus high-volume emergency departments: An observational study and propensity score matching analysis. Resuscitation 2011;82(1):32-39.
- Stub D, Smith K, Bray JE, Bernard S, Duffy SJ, Kaye DM. Hospital characteristics are associated with patient outcomes following out-of-hospital cardiac arrest. Heart 2011;97(18):1489-94.
- Vaara ST, Reinikainen M, Kaukonen KM, Pettilä V; Finnish Intensive Care Consortium. Association of ICU size and annual case volume of renal replacement therapy patients with mortality. Acta Anaesthesiol Scand 2012;56(9):1175-82.
- Walkey AJ, Wiener RS. Hospital case volume and outcomes among patients hospitalized with severe sepsis. Am J Respir Crit Care Med 2014;189(5):548-55.
- Zuber B, Tran TC, Aegerter P et al. Impact of case volume on survival of septic shock in patients with malignancies. Crit Care Med 2012;40(1):55-62.

TERAPIA INTENSIVA NEONATALE / EONATAL INTENSIVE CARE

Revisioni (2): Gandjour 2003, Dudley 2000
Totale degli studi inclusi (n.): 4
Anni di pubblicazione degli studi inclusi (range): 1979-1996
Anno ultima ricerca: 2000
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Farley DE, Ozminkowski RJ. Volume-outcome relationships and inhospital mortality: the effect of changes in volume over time. Med Care 1992;30(1):77-94.
- LeFevre ML. Physician volume and obstetric outcome. Med Care 1992;30(9):866-71.
- Phibbs CS, Bronstein JM, Buxton E, Phibbs RH. The effects of patient volume and level of care at the hospital of birth on neonatal mortality. JAMA 1996;276(13):1054-59.
- Williams RL. Measuring the effectiveness of perinatal medical care. Med Care 1979;17(2):95-110.

TIROIDECTOMIA / TIROIDECTOMY

Revisioni (1): Liang 2016
Totale degli studi inclusi (n.): 12
Anni di pubblicazione degli studi inclusi (range): 1998-2014
Anno ultima ricerca: 2014
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Boudourakis LD, Wang TS, Roman SA, Desai R, Sosa JA. Evolution of the surgeon-volume, patient-outcome relationship. Ann Surg 2009;250(1):159-65.
- Hauch A, Al-Qurayshi Z, Friedlander P, Kandil E. Association of socioeconomic status, race, and ethnicity with outcomes of patients undergoing thyroid surgery. JAMA Otolaryngol Head Neck Surg 2014;140(12):1173-83.
- Ho TW, Shaheen AA, Dixon E, Harvey A. Utilization of thyroidectomy for benign disease in the United States: a 15-year population-based study. Am J Surg 2011;201(5):570-74.
- Jain U, Somerville J, Saha S et al. Oropharyngeal contamination predisposes to complications after neck dissection: an analysis of 9462 patients. Otolaryngol Head Neck Surg 2015;153(1):71-78.
- Kandil E, Noureldine SI, Abbas A, Tufano RP. The impact of surgical volume on patient outcomes following thyroid surgery. Surgery 2013;154(6):1346-52.
- Kuy S, Roman SA, Desai R, Sosa JA. Outcomes following thyroid and parathyroid surgery in pregnant women. Arch Surg 2009;144(5):399-406; discussion 406.
- Pieracci FM, Fahey TJ 3rd. Effect of hospital volume of thyroidectomies on outcomes following substernal thyroidectomy. World J Surg 2008;32(5):740-46.
- Sosa JA, Bowman HM, Tielsch JM, Powe NR, Gordon TA, Udelsman R. The importance of surgeon experience for clinical and economic outcomes from thyroidectomy. Ann Surg 1998;228(3):320-30.
- Sosa JA, Mehta PJ, Wang TS, Boudourakis L, Roman SA. A population-based study of outcomes from thyroidectomy in aging Americans: at what cost? J Am Coll Surg 2008;206(6):1097-105.
- Stavrakis AI, Ituarte PH, Ko CY, Yeh MW. Surgeon volume as a predictor of outcomes in inpatient and outpatient endocrine surgery. Surgery 2007;142(6):887-99; discussion 887-99.
- Tuggle CT, Roman SA, Wang TS et al. Pediatric endocrinesurgery: who is operating on our children? Surgery 2008;144(6):869-77; discussion 877.
- Liang TS, Liu SI, Mok KT, Shi HY. Associations of Volume and Thyroidectomy Outcomes: A Nationwide Study with Systematic Review and Meta-Analysis. Otolaryngology Head and Neck Surgery 2016;155(1):65-75.

TRAUMI /TRAUMAS

Revisioni (2): Caputo 2014, Gandjour 2003, Dudley 2000
Totale degli studi inclusi (n.): 22
Anni di pubblicazione degli studi inclusi (range): 1990-2011
Anno ultima ricerca: 2013
Riferimenti bibliografici degli studi inclusi nelle revisioni:

- Bennett KM, Vaslef S, Pappas TN, Scarborough JE. The volume-outcomes relationship for United States Level I trauma centers. J Surg Res 2011;167(1):19-23.
- Cooper A, Hannan EL, Bessey PQ, Farrell LS, Cayten CG, Mottley L. An examination of the volume-mortality relationship for New York State trauma centers. J Trauma 2000;48(1):16-23; discussion 23-24.
- Demetriades D, Martin M, Salim A, Rhee P, Brown C, Chan L. The effect of trauma center designation and trauma volume on outcome in specific severe injuries. Ann Surg 2005;242(4):512-17; discussion 517-19.
- Glance LG, Osler TM, Dick A, Mukamel D. The relation between trauma center outcome and volume in the National Trauma Databank. J Trauma 2004;56(3):682-90.
- Green JM, Gunter OL, Nash J, Buchman TG, Schuerer DJE. Too much of a good thing? How increasing trauma volumes are stressing the system? Abstract in: Annual Meeting of the American Association for the Surgery of Trauma and Clinical Congress of Acute Care Surgery 2008.
- Kagan RJ, Baker RJ. The impact of the volume of neurotrauma experience on mortality after head injury. Am Surgery 1994;60(6):394-400.
- Konvolinka CW, Copes WS, Sacco WJ. Institution and per-surgeon volume versus survival outcome in Pennsylvania's trauma centers. Am J Surg 1995;170(4):333-40.
- Logan MS, Watson CM, Stukenborg G, Hranjec T, Young J, Calland JF. Trauma volume and outcome: is bigger always better? Abstract in: Annual Meeting of the American Association for the Surgery of Trauma and Clinical Congress of Acute Care Surgery 2010.
- London JA, Battistella FD. Is there a relationship between trauma center volume and mortality? J Trauma 2003;54(1):16-24; discussion 24-25.
- Lorenzo M, Santerre R, Mangram AJ, Dunn EL, Amos JD, Truitt MS. Should patient volume be a determinant for trauma center level designation? Abstract in: Annual Meeting of the American Association for the Surgery of Trauma and Clinical Congress of Acute Care Surgery 2008.
- Marcin JP, Romano PS. Impact of between-hospital volume and within-hospital volume on mortality and readmission rates for trauma patients in California. Crit Care Med 2004;32(7):1477-83.
- Margulies DR, Cryer HG, McArthur DL, Lee SS, Bongard FS, Fleming AW. Patient volume per surgeon does not predict survival in adult level I trauma centers. J Trauma 2001;50(4):597-601; discussion 601-03.
- Marx WH, Simon R, O'Neill P et al. The relationship between annual hospital volume of trauma patients and in-hospital mortality in New York State. J Trauma 2011;71(2):339-45; discussion 345-46.
- McGwin Jr G, Swain RD, Reiff DA, Rue LW 3rd. Trauma center volume: when is enough, enough? Abstract in: Annual Meeting of the American Association for the Surgery of Trauma and Clinical Congress of Acute Care Surgery 2008.
- Nathens AB, Jurkovich GJ, Maier RV et al. Relationship between trauma center volume and outcomes. JAMA 2001;285(9):1164-71.
- Nicholl J, Turne J, Dixon S. The cost-effectiveness of the regional trauma system in the North West Midlands. Sheffield, Univeristy of Sheffield, 1995.
- Pasquale MD, Peitzman AB, Bednarski J, Wasser TE. Outcome analysis of Pennsylvania trauma centers: factors predictive of nonsurvival in seriously injured patients. J Trauma 2001;50(3):465-72; discussion 473-74.
- Richardson JD, Schmieg R, Boaz P et al. Impact of trauma attending surgeon case volume on outcome: is more better? J Trauma 1998;44(2):266-71; discussion 271-72.
- Sava J, Kennedy S, Jordan M, Wang D. Does volume matter? The effect of trauma surgeons' caseload on mortality. J Trauma 2003;54(5):829-33; discussion 833-34.
- Smith RF, Frateschi L, Sloan EP et al. The impact of volume on outcome in seriously injured trauma patients: two years' experience of the Chicago Trauma System. J Trauma 1990;30(9):1066-75; discussion 1075-76.
- Tepas JJ 3rd, Patel JC, DiScala C, Wears RL, Veldenz HC. Relationship of trauma patient volume to outcome experience: can a relationship be defined? J Trauma 1998;44(5):827-30; discussion 830-31.
- Villegas CV, Haider AH, Schnedier EB et al. Does trauma center volume for penetrating trauma improve survival among patients with penetrating injuries? Abstract in: Annual meeting of the american association for the surgery of trauma and clinical congress of acute care surgery 2011.