	Register Login Go to Scival Si
earch Sources Analytics Alerts My list Settings	H
uick Search Search	
1 of 1	
Download Export Print E-mail Create bibliography Add to My List	
JCI - International Journal of Clinical Investigation	Cited by since 1996
Volume 10, Issue 1, January 2002, Pages 45-48	This article has been cited <b>0</b> times in Scopus.
Organizational models in robotica assisted surgery	Inform me when this document is cited in Scopus:
Amato, B. <sup>ac</sup> , Villa, F. <sup>a</sup> , Compagna, R. <sup>a</sup> , Donisi, M. <sup>a</sup> , Markabaoui, A.K. <sup>a</sup> , Puzziello, A. <sup>a</sup> , Persico, F.M.O. <sup>a</sup> , Persico, G.S. <sup>b</sup>	Polated decuments
<sup>a</sup> Dipartimento de Chirurgia Generale, Geriatrica e Tecnologie Avanzate, Univ.degli Studi Napoli Federico II, Tuebingen,	Related documents
taly <sup>o</sup> Zentrum fur Medizinische Forschung, Sect. Mic Eberhard-Karls-Univ., Tuebingen, Italy	Showing the 2 most relevant related documents by all shared references:
<sup>c</sup> Univ.degli Studi Napoli Federico II, Dipartimento di Chirurgia Generale, Geriatrica e Tecnologie Avanzate, Via Posillipo,	Rallantino, C.H.
56, 80126 Napoli, Italy	Robotic surgery, telerobotic surgery, telepresence,
Abstract View references (14)	and telementoring: Review of early clinical results (2002) Surgical Endoscopy and Other Interventional Techniques
The development and diffusion of minimally-invasive surgery has been possible due to the	Eadie, L.H., Seifalian, A.M., Davidson, B.R.
application of new technologies, including robotics, which has only recently been introduced in	(2003) British Journal of Surgery
this field. The aim of the study was to propose a series of guidelines regarding the organizational	View all related documents based on all shared references
surgery. Problems concerning installation of the robotic system, disposition of the operating	or select the shared references to use
room, and standardization of surgical procedures are discussed. To exemplify these aspects, the	Find more related documents in Scopus based on:
phases of a robotic cholecystectomy are described. The essential requirements for the creation of training and research centers for robotic surgery are outlined. In addition, the ideal course of	Authors   Keywords
training for the surgeon of the third millennium is delineated. In the near future, robotic technique	
is destined to play an increasingly important role, both in general surgery and in the surgical	Wore By These Authors
specialties. The development of special centers for the diffusion and teaching of robotic surgery,	The authors of this article have a total of 145 records in
	Scopus: (Showing 5 most recent)
Author keywords	
Robotic surgery; Telesurgery; Training	Rocco, A.,Liguori, E.,Pirozzi, G.,Tirino, V.,Compare, D.,Franco, R.,Tatanoelo, F.,Palaia, R.,D'Armiento, F.P.,Pollastrone, G.,Affuso
	A.,Bottazzi, E.C.,Masone, S.,Persico, G.,Nardone, G.
Indexed Keywords	CD133 and CD44 Cell surface markers do not identify cancer stem cells in primary human gastric tumors
EMTREE medical terms: article; cholecystectomy; minimally invasive surgery; operating room;	(2012) Journal of Cellular Physiology
practice guideline; robotics; standard; surgery; surgical technique; technology	Compare, D.,Rocco, A.,Liguori, E.,D'Armiento, F.P.,Persico,
	G.,Masone, S.,Coppola-Bottazzi, E.,Suriani, R.,Romano,
ISSN: 1590/120 CODEN: IIJCA Source Type: Journal Original language: English Document Type: Article	
References (14) View in table layout	
Page Export Print E-mail Create bibliography	
<ul> <li>Omote, K., Feussner, H., Ungeheuer, A., Arbter, K., Wei, GQ., Siewert,</li> <li>J.R., Hirzinger, G.</li> </ul>	
Self-guided robotic camera control for laparoscopic surgery compared with human camera control	
(1999) <i>American Journal of Surgery</i> , 177 (4), pp. 321-324. Cited 53 times. doi: 10.1016/S0002-9610(99)00055-0	
View at publisher	
Bassweiler I Binder I Freda T	
(2001) Current Opinion in Urology. 11 (3), pp. 309-320. Cited 53 times	
doi: 10.1097/00042307-200105000-00012	

- Serio, G.
- 3 At the beginning of the third millennium: what kind of surgery, what kind of surgeon?

(2000) Chirurgia Italiana, 52 (1), pp. 1-9. Cited 3 times.

- Schlag, P.M., Moesta, K.T., Rakovsky, S., Graschew, G.
- 4 **Telemedicine: The new must for surgery** (1999) *Archives of Surgery*, 134 (11), pp. 1216-1221. Cited 32 times. View at publisher
- Gorman, P.J., Meier, A.H., Rawn, C., Krummel, T.M.
- 5 The future of medical education is no longer blood and guts, it is bits and bytes
   (2000) American Journal of Surgery, 180 (5), pp. 353-356. Cited 57 times.
   doi: 10.1016/S0002-9610(00)00514-6

View at publisher

- Mack, M.J.
- 6 Minimally invasive and robotic surgery
   (2001) Journal of the American Medical Association, 285 (5), pp. 568-572. Cited 153 times.
   View at publisher
- Kitajima, M., Ohgami, M., Furukawa, T., Morikawa, Y., Watanabe, M., Kitagawa,
- Y., Tokuyama, J., (...), Nakazawa, K.
   Fusion of medicine and technology in endoscopic surgery
   (1999) *Nippon Geka Gakkai zasshi*, 100 (4), pp. 273-278. Cited 4 times.
- Turner, D.J.
- 8 Solo surgery With the aid of a robotic assistant (1996) *Journal of Telemedicine and Telecare*, 2 (SUPPL. 1), pp. 46-48. Cited 12 times.
- Link, R.E., Schulam, P.G., Kavoussi, L.R.
- 9 Telesurgery: Remote monitoring and assistance during laparoscopy (2001) Urologic Clinics of North America, 28 (1), pp. 177-188. Cited 39 times. View at publisher
- Garcia-Ruiz, A., Gagner, M., Miller, J.H., Steiner, C.P., Hahn, J.F.
- Manual vs robotically assisted laparoscopic surgery in the performance of basic manipulation and suturing tasks (1998) Archives of Surgery, 133 (9), pp. 957-961. Cited 83 times.

doi: 10.1001/archsurg.133.9.957 View at publisher

- Nagy, A.G., Patterson, E.J., Buczkowski, A.K., Zack, B., Scudamore, C.H.
- 11 Application of robotic and prerobotic devices in laparoscopic surgery (1997) *Journal of Investigative Surgery*, 10 (5), pp. 311-313. Cited 3 times. View at publisher
- Rovetta, A., Bejczy, A.K., Sala, R.
- Telerobotic surgery: applications on human patients and training with virtual reality.
   (1997) Studies in health technology and informatics, 39, pp. 508-517. Cited 3 times.
- Schurr, M.O., Arezzo, A., Buess, G.F.
- Robotics and systems technology for advanced endoscopic procedures: Experiences in general surgery

   (1999) European Journal of Cardio-thoracic Surgery, 16 (SUPPL. 2), pp. S97-S105. Cited 40 times.
   doi: 10.1016/S1010-7940(99)00281-X
   View at publisher
- Marescaux, J., Smith, M.K., Fölscher, D., Jamali, F., Malassagne, B., Leroy, J.
- 14 Telerobotic laparoscopic cholecystectomy: Initial clinical experience with 25 patients

1 of 1

(2001) Annals of Surgery, 234 (1), pp. 1-7. Cited 117 times. doi: 10.1097/00000658-200107000-00001

View at publisher

Amato, B.; Univ. Degli Studi Napoli Federico II, Dipartimento di Chirurgia Generale, Geriatrica e Tecnologie Avanzate, Via Posillipo, 56, 80126 Napoli, Italy © Copyright 2004 Elsevier Science B.V., Amsterdam. All rights reserved.

Top of page

 

 About Scopus What is Scopus Content coverage What do users think Latest Tutorials Developers
 Contact and Support Contact and support Live Chat
 About Elsevier About SciVerse About SciVerse About SciVerse Privacy Policy

 Copyright © 2012 Elsevier B.V. All rights reserved. SciVerse® is a registered trademark of Elsevier Properties S.A., used under license. Scopus® is a registered trademark of Elsevier