Airtraq

TRAINING PORTAL

CLINICAL STUDIES

INDEX

SUBJECTS

- General & Vs. Direct Laryngoscopy
- Difficult Airways
- Obese & Obstretics
- Awake patients
- Traumatized patients
- Prehospital & Military
- Special Procedures
- Pediatrics
- Nasotracheal
- Double Lumen
- Advanced Techniques
- Learning Curve
- Versus other VL

Objective:

- To acquire a basic knowledge of Clinical Studies performed with Airtraq and how to find

Time Required: 15 minutes

AIRTRAQ CLINICAL STUDIES

- Current published studies available at www.airtraq.com
- A search tool is available within the web site. It shows all papers that contain a key word on its title.
- A comprehensive document with summaries of clinical studies can be downloaded from the web site (download section).
- Published papers are classified as
  - Clinical Studies: CS#...
  - Case Reports: CR#
  - Letters to Editor: LE #..
  - Manikin Studies: MS#..

AIRTRAQ CLINICAL STUDIES INDEX

Clinical Studies by subject				
Subject	**Clinical Studies**	**Case Reports**	**Letters to editor**	**Manikin Studies**
General & Vs. Direct Laryngoscopy	CS#1, CS#3, CS#4, CS#7, CS#8, CS#12, CS#13, CS#14, CS#21, CS#29, CS#31, CS#40, CS#45, CS#51, CS#53		LE#1, LE#2, LE#3, LE#10, LE#19	MS#1, MS#4, MS#5, MS#10,MS#15, MS#22
Difficult Airways	CS#2, CS#7, CS#8, CS#13, CS#26, CS#34, CS#35, CS#38,	CR#5, CR#11, CR#14,CR#18, CR#19, CR#37, CR#40	LE#12, LE#13, LE#15	
Obese & Obstretics patients	CS#5, CS#12, CS#17,CS#27, CS#50	CR#1, CR#12, CR#27, CR#36, CR#45		
Awake patients	CS#23	CR#6, C#12, CR#16, CR#17, CR#22, CR#23, CR#27 CR#40	LE#7, LE#23	
Trauma, bleeding & C-spine Inmobilization	CS#2, CS#4,CS#9,CS#10,CS#11,CS#18 CS#37, CS#39, CS#42, CS#54	CR#2, CR#3, CR#7, CR#8, CR#21,		
Prehospital & Military	CS#14, CS#36	CR#2, CR#3, CR#7, CR#8, CR#10	LE#5, LE#6	MS#4, MS#5, MS#8, MS#11, MS#12, MS#13

AIRTRAQ CLINICAL STUDIES INDEX

Clinical Studies by subject				
Subject	**Clinical Studies**	**Case Reports**	**Letters to editor**	**Manikin Studies**
Airtraq used for Special Procedures	CS#22	CR#4, CR#9, CR#13, CR#14, CR#15, CR#19, CR#35, CR#42	LE#9	MS#19
Paediatrics		CR#24, CR#25, CR#26, CR#28, CR#29,CR#30, CR#31,CR#32, CR#39 CR#41		
Nasotracheal	CS#16, CS#20, CS#24, CS#25, CS#43	CR#19, CR#33	LE#16	MS#6
Double Lumen /B. Blocker	CS#6	CR#20		
Techniques & Learning Curve	CS#5, CS#14, CS#15, CS#19, CS#21, CS#30, CS#32, CS#33, CS#47, CS#48	CR#34, CR#38, CR#43, CR#44, CR#46, CR#47	LE#6,LE#7,LE#8, LE#11, LE#14, LE#17, LE#18, LE#20, LE#21, LE#22	MS#2, MS#3, MS#9, MS#10, MS#20, MS#21, MS#24
Airtraq vs. Other Video L.	CS#22, CS#41, CS#49, CS#52		LE#2, LE#4	MS#7, MS#8, MS#10, MS#11, MS#14, MS#16, MS#17, MS#18, MS#23, MS#25, MS#26, MS#27

GENERAL STUDIES | Example Only

Clinical Studies					
Ref	**Title**	**Published**	**Performed By**	**Hospital**	**Country**
CS#1	A comparison of tracheal intubation using the Airtraq or the Macintosh laryngoscope in routine airway management: A randomised, controlled clinical trial.	Anaesthesia. 2006 Nov;61(11):1093-9.	Maharaj CH et Al.	Univ. Of Ireland, Galway	Ireland
CS#2	Laryngoscopy vs. Optical Stylet vs. Optical Laryngoscope (Airtraq) for Extubation Evaluation.	American Society of Anesthesiologists October 14-18, 2006	T.C. Mort, M.D.	Hartford Hospital	USA
CS#3	The Macintosh Laryngoscope vs. the New Airtraq Device	Journal Watch Emergency Medicine November 3, 2006	Aaron E. Bair,MD,	Dep. of Emergency Medicine at the Univ. of California	USA
CS#4	Endotracheal Intubation in Patients with Cervical Spine Immobilization. A Comparison of Macintosh and Airtraq Laryngoscopes.	Anesthesiology 2007; 107:53–9	Maharaj CH et Al.	Univ. Of Ireland, Galway	Ireland
CS#5	A comparison of two techniques for inserting the AirtraqTM laryngoscope in morbidly obese patients.	Anaesthesia, 2007, 62, pages 774–777.	G. Dhonneur	Jean Verdier Public University Hospital of Paris	France
CS#6	The Airtraq® laryngoscope for placement of double-lumen endobronchial tube.	Canadian Journal of Anesthesia 54:955-957	Y. Hirabayashi, MD and N.Seo, MD	Jichi Medical University	Japan
CS#7	Evaluation of the Airtraq and Macintosh laryngoscopes in patients at increased risk for difficult tracheal intubation	Anaesthesia, 2008, 63, pages 182–188	Maharaj CH et Al.	Univ. Of Ireland, Galway	Ireland
CS#8	The Airtraq Optical Laryngoscope: Experiences with a New Disposable Device for Orotracheal Intubation.	Anaesthesia, 2008, 63, pages 1387–1391	K. Krasser,	Empress Elisabeth Hospital Vienna	Austria

OBESE & OBSTETRICS PATIENTS | Example Only

Clinical Studies					
Ref	**Title**	**Published**	**Performed By**	**Hospital**	**Country**
CS#5	A comparison of two techniques for inserting the AirtraqTM laryngoscope in morbidly obese patients.	Anaesthesia, 2007, 62, pages 774–777.	G. Dhonneur	Jean Verdier Public University Hospital of Paris	France
CS#12	Tracheal intubation of morbidly obese patients: a randomized trial comparing performance of Macintosh and Airtraq laryngoscopes.	British Journal of Anaesthesia 100 (2): 263–8 (2008)	S. K. Ndoko et Al.	Jean Verdier Public University Hospital of Paris	France
CS#17	Video-Assisted Versus Conventional Tracheal Intubation in Morbidly Obese Patients	Obesse Surgery (2009) 19:1096–1101	G. Dhonneur	Jean Verdier University Hospital of Paris	France
CS#27	A comparison of the AirTraq optical and the standard Macintosh laryngoscope for endotracheal intubation in obese patients	Anaesthesiology Intensive Therapy	Tomasz Gaszynski	Katedra Anestezjologii iTerapii UM wLodzi	Poland

Case Reports					
Ref	**Title**	**Published**	**Performed By**	**Hospital**	**Country**
CR#1	Tracheal Intubation Using the Airtraq_ in Morbid Obese Patients Tracheal Intubation Undergoing Emergency Cesarean Delivery.	Anesthesiology 2007; 106:629–30	G. Dhonneur	Jean Verdier Public University Hospital of Paris	France
CR#12	Awake Intubation with Airtraq Laryngoscope in a Morbidly Obese Patient.		Thida Uakritdathikarn MD	Prince of Songkla University	Thailand
CR#27	Awake Intubation with Airtraq® Laringoscope in morbidly obese patient with difficult airway	DAS Meeting 2009, Scotland	J. Estilita, J. Brasil, M. Salles-Baptista	C. Hospitalar do Barlavento Algarvio, Portimão	Portugal

PEDIATRICS | Example

Case Reports					
Ref	**Title**	**Published**	**Performed By**	**Hospital**	**Country**
CR#24	Airtraq in a 5-month-old infant with a difficult airway because of Robin Sequence	Paediatric Anaesthesia 19,695-715	A. Vlatten	Pediatric Anesthesia, IWK Health Centre, Halifax	Canada
CR#25	Pediatric Airtraq® in a patient with Treacher Collins syndrome	Paediatric Anaesthesia 19,908-928	Y. Hirabayashi, MD	Jichi Medical University	Japan
CR#26	Airtraq for intubation in Treacher Collins syndrome	Paediatric Anaesthesia 19,695-715	Didier Pean	Hôtel Dieu, Nantes	France
CR#28	The Pediatric Airtraq A Possible Solution for the Treacher Collins' Airway		Tracey Straker MD MPH	Montefiore Medical Center	USA
CR#29	Intubation with an AirtraqTM of a 7-year-old child with severe cervical burned sequels	Annales Françaises dÁnesthñesie et Reanimation 28 (2009) 392-400	CHU de Nantes,	C.Lejus,	France
CR#30	Successful intubation of a child with Goldenhar syndrome, who previously failed intubation, using an Airtraq	Paediatric Anaesthesia doi:10.1111/j.1460-9592.2009.03223.x	Samia Khalil	The University of Texas Medical School at Houston	USA
CR#31	Airtraq optical laryngoscope: initial clinical experience in 20 children	Japanese Society of Anesthesiologists 2009 DOI 10.1007/s00540-009-0828-2	Y. Hirabayashi, MD	Jichi Medical University	Japan
CR#32	Two consecutive uses of Infant Airtraq in anticipated difficult intubation	service dánesthésie pédiatrique	Lafrikh, France	Service d´anesthésie pédiatrique	France

END OF

MODULE C: CLINICAL STUDIES

GO TO QUIZ

GO TO NEXT MODULE