**AABE Bronchoscopy Annual Course NEUQUEN 2019-20 (1st Part)**

**Meeting 1: May 3 and 4. Faculty: Vujacich - Garcia**

***Friday***

16:00 hs Acreditation and Inscription

16:30 hs Welcome and overview of course objectives:  Vujacich -  García

 Summary of recommendations (Bronchoscopy Education Project)

17:30 hs coffee

18.00 hs Pre-medication, anesthesia, different techniques, neuroleptoanalgesia.

18.45 hs Checklists introduction

19.30 hs Interactive workshop: Rigid scope and flexible scopes, disinfection and equipment management. Decontamination and disinfection techniques. Principal problems

Simultaneous workshop.

Simulation Models STEP BY STEP

***Saturday :***

9.00 hs Pre-medication, anesthesia, different techniques, neuroleptoanalgesia. Problem solving situations

 9:45 hs Checklists introduction

10. 30 hs Break

11.00 hs Interactive workshop: The Bronchoscopy Report

 Principal problems

Simultaneous workshop.

Simulation Models STEP BY STEP

**Meeting 2: June 7 and 8. Faculty: Isidoro – Vilas - Vujacich**

**Friday**

16.00 hs Endoscopic lesions. An overview.

16.45 hs Evaluation workshop: Tracheal malignant lesions.-

 17.15 hs Break

 17.45 hs Benign tracheal pathology.

Simultaneous workshop.

Simulation Models STEP BY STEP

**Saturday**

08.00 hs Anatomy of tracheo-bronchial tree.

09.00 hs Workshop on difficult airway

09.45 hs Break

10.15 hs Problem based learning (PBL): Endoscopic Techniques (bronchial Biopsy, lung bronchoscopic biopsy, brush, BAL, TBNA) Problem overview and statement.

Simultaneous workshop.

Simulation Models STEP BY STEP

**Meeting 3: July 12 and 13. Faculty: Boyeras – Solis - Garcia**

**Friday**

 16.00 Hs How to read a scientific paper.

 16.45 Hs Group workshop on “Critical scientist articles” Reading” I-

 17.30 Hs Break

 18.15 hs Group workshop on “Critical scientist articles” Reading” II-

 19.30 Hs PBL – Inferential Statistics –

Simultaneous workshop.

Simulation Models STEP BY STEP

**Saturday**

08.00 hs. PBL. Problem solving strategies on Endoscopic techniques (students work)–

09.30 hs. Break

10.00 hs. Case presentation discussion (2-3)

 10.30 hs PBL Problem overview and statement. Mediastinal evaluation

Simultaneous workshop.

Simulation Models STEP BY STEP

**Meeting 4: August 2 and 3 Faculty: Iannella - M Castro - Vujacich**

Friday

16.00 hs PBL on bronchoscopic techniques. Case based discussion

 PRACTICAL APPROACH

17.00 hs Break

17.30 hs Literature review –

18.15 hs PBL. Problem solving situations: Mediastinal evaluation (students´ presentations)

19.30 hs Case discussion-

Simultaneous workshop.

Simulation Models STEP BY STEP and techniques

**Saturday**

08.00 hs Case discussion –

09.00 hs Malignant lesions of the tracheobronchial tree. -

 10.45 hs Break

11.15 hs The bronchoscopy report-

Simultaneous workshop.

Simulation Models STEP BY STEP and techniques

**AABE Bronchoscopy Annual Course NEUQUEN 2019-20 (2 nd Part)**

**Meeting 5: September 6 and 7: Faculty: Iannella – LasHeras - Garcia**

**Viernes**

16.00 hs Malignant lesions of the tracheobronchial tree. – Videos

16.45 hs Controversy: Bronchoscopy vs surgery in SPN – Students discussion – Faculty coordination (Groups 1-2: pro, Groups 3-4 con)

17.45 hs Break

18.00 hs Hemoptysis: evaluation and management.-

18.45 hs PBL. Problem statement: Bronchoscopy in Interstitial lung diseases-

Simultaneous workshop.

Simulation Models STEP BY STEP and techniques

**Saturday**

09.00 hs Bronchoscopy in HIV patients–

10.15 hs Bronchoscopy in Pneumonia (CAP and Nosocomial Pneumonia). –

11.00 hs Break

11.30 hs Tracheal tumors -

12.15 hs PBL. Problem statement: Bronchoscopy in Immunocompromised patients.-

Simultaneous workshop.

Simulation Models STEP BY STEP and techniques

**Meeting 6: OCT 4 and 5: Faculty: Galindez- Luchelli- Vujacich**

16.00 hs Bronchoscopy in Lung Cancer – Molecular news.

16.45 hs Videos. The bronchoscopic report. Quiz –

17.45 hs Break

18.00hs Pro y con: Systematic Lung Bronchoscopic Biopsy in TB. A student work. (Group 1- 2 pro- Group 3 - 4 con)

19.00 hs (PBL) Problem solving scenarios: Bronchoscopy in Immunosuppressed patients. Students´ discussion –

Simultaneous workshop.

Simulation Models STEP BY STEP and techniques

**Saturday**

09.00 hs (PBL) Problem solving scenarios: Bronchoscopy in interstitial lung disease.

10.00 hs Case discussion. Two cases

10.45 hs Break

11.00 hs Literature review-

11.45 hs Seminar: Bronchoscopy in the ICU. Students –

Simultaneous workshop.

Simulation Models STEP BY STEP and techniques

**Meeting 7: Nov 15 - 16 Faculty: Botto Boyeras Vujacich**

**Friday**

16.00 hs Bronchoscopy in Inhalation Injury. -

16.45 hs Interactive discussion: Difficult airway. Bronchoscopy in difficult airway (adult and children).

Simultaneous workshop.

Simulation Models STEP BY STEP and techniques. Difficult airway

**Saturday**

09.00 hs Laryngeal pathology: diagnosis and treatment.-

10.00 hs Literature review.

11.00 hs Break

11.15 hs Videos Quiz.

12.00 hs Seminar: New technologies in bronchoscopy techniques-. A students´lecture –

Simultaneous workshop.

Simulation Models STEP BY STEP and techniques

**Meeting 8: December 6 - 7 Faculty: Rodriguez Gimenez. Castro. Garcia**

**Friday**

16.00 hs Rigid therapeutic Bronchoscopy.

16.45 hs Gremial issues –

17.45 hs Break

18.00 Essential Bronchoscopist (EB) Modules 1 and 2 –

19.00 hs Videos Quiz-

Simultaneous workshop.

Simulation Models STEP BY STEP and techniques

**Saturday**

09.00 hs Ablative therapies LASER and Electrocoagulation –

09. 45 hs EBUS and CRIO biopsy –

11.15 hs Case Discussion

12.00 hs EB Modules 3 and 4

Simultaneous workshop.

Simulation Models STEP BY STEP and techniques

**Meeting 9: March 6 - 7 Faculty: Grynblat Garcia Solis**

**Friday**

16.00 Hs Tracheal Estenosis: Bronchoscopic treatment. Rigid and flexible scopes.-

17.00 hs EB Modules 5 and 6-

18.00 hs Break

18.30 hs Designing a project- Interactive work

19.00 hs Videos Quiz-

Simultaneous workshop.

Simulation Models STEP BY STEP and techniques

Sábado

9.00 hs Endotracheat Prothesis: indications, equipment, placement and control. –

9.45 hs Video Show – Endoscopic Quiz

11.00 hs Break

11.30 hs Workshop

12.00 hs Course Evaluation

**Meeting 10**: April 2020 Faculty: Garcia Vujacich

Final Exam: Multiple choice

Final Exam: Inanimate models

Final Exam: Proctorected Bronchoscopy