

2015 David A. Muir RCP Student Award

Guidelines for Case Study Presentation

The case study should be typed, double-spaced, and should include the following information in the order indicated. Font size should be set at 12 point, non-compressed font with margins of at least 1 inch. **The application must be received in the Passy-Muir, Inc. office no later than October 9, 2015.**

- I. **Application Form** (Form provided, complete all three sections)
- II. **Abstract**
Briefly summarize the case study
- III. **Case Study Presentation:** The case study encourages collaboration with the Respiratory Care Practitioner (RCP) Student and an experienced Speech Language Pathologist (SLP) under the guidance of his or her clinical supervisor. It is understood that as a student the RCP will not be able to perform some assessments, interventions or therapies independently, and that others are out of the RCP scope of practice and may actually be performed by other clinicians, example: FEES studies and/or dysphagia therapy. Therefore, the student should report and make suggestions in the case study submission based on observations and discussions with his or her clinical supervisor, the SLP and others who care for the subject of the study. The case study should include, but is not limited to the following:
 - A. Complete history and diagnosis
 - B. Complete description of initial upper airway assessment including assessment for the Passy-Muir[®] Valve. Include:
 1. Steps to assess upper airway patency.
 - a. Describe the initial placement of the Passy-Muir Valve, including the subject's ability to speak and/or cough and clear secretions.
 - b. List recommendations to increase wearing time of the Passy-Muir Valve
 - c. If the initial placement was not successful, describe why
 - i. Explain how tracheostomy tube size or type can affect the upper airway assessment and successful use of the Passy-Muir Valve
 - ii. Describe steps you would used to promote success
 2. Plan of care:
 - a. From the RCPs perspective
 - i. Describe how the valve can be used to improve secretion management and as facilitate the overall plan for weaning and/or decannulation.
 - ii. List suggested or utilized therapy techniques that require a closed respiratory system and oral exhalation, including the goals of therapy.
 - iii. Explain the outcomes d you anticipated or observed
 - b. From the SLPs perspective:
 - i. Describe the plan of care utilizing the Passy-Muir Valve for treatment of swallowing.
 - ii. List utilized therapy techniques that require a closed respiratory system and oral exhalation, including the goals of therapy.
 - iii. Explain the outcomes of therapy that you observed.
 3. Describe the subject's perspective on use of the Passy-Muir Valve and other therapies received.
 4. Video of subject, including written consent.
 - i. Placement of valve
 - ii. Subject speaking with valve in place
 - iii. Treatment with valve (e.g. expiratory muscle training, cough training)

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- C. Discussion and summary including limitations
- D. Optional (highly recommended): MBSS and/or FEES studies with valve off and on.
- E. Summary of outcomes including discussion of how the team approach and early intervention may impact the plan of care, clinical outcomes and affect overall cost of care.

IV. Bibliography

List resources and materials used to prepare for this case study presentation.

V. Letter of Support

Submit a letter from your program director, speech-language pathologist and clinical supervisor indicating any support and/or direction they provided.

VI. Resume/Biographical Sketch