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author contribution form

Title	Sildenafil therapy in thalassemia patients with doppler- defined risk for pulmonary hypertension
First author	Claudia R. Morris MD

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Specific contributions of each author are listed on page 2 of this document.

Responsible author(s):

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Institute:	Claudia R. Morris MDEmory University School of Medicineclaudiamorris@comcast.net; claudia.r.morris@emory.edu			
Institute:				

Author contributions (maximum 1 page):

Please describe the contributions of each author, indicating who was responsible for each part of the study and the preparation of the manuscript (collection of data, experiments, data analysis, generation of figures, collection of images, interpretation of data, preparation of the text, etc.)

All authors take responsibility for the work reported, provided substantial contributions to the conception and design, acquisition of data, analysis and interpretation of the data. All authors contributed to the draft or critical revision of this manuscript, and provided final approval for the version to be published. Specifically, CM: Designed research questions, wrote study protocol, analyzed and interpreted data and wrote/revised the manuscript, and designed the figures. HYK: Assisted with data analysis, statistical design and writing of the manuscript. JW: Assisted with interpretation of the data, particularly the cardiopulmonary data (Doppler echocardiography), and contributed to the writing and critical revision of the manuscript. FT: Assisted with data analysis, statistical design and critical review of the manuscript. ESK: Assisted with interpretation of the cardiopulmonary data (particularly pulmonary function testing and echocardiography), and contributed to the writing and critical revision of the manuscript. JBP: Assisted with patient enrollment and writing/revision of the manuscript. NS: Assisted with patient enrollment, data collection and manuscript review. NFO: Assisted with patient enrollment and writing/revision of the manuscript. JLK: Assisted with patient enrollment and writing/revision of the manuscript. LV: Assisted with protocol design, execution and compliance, and critical review of the manuscript. TS: Assisted with interpretation of data and writing/revision of the manuscript. AT: Assisted with patient enrollment, interpretation of the data and writing/revision of the manuscript. EJN: Assisted with data interpretation, patient enrollment and writing/revision of the manuscript. AAT: Assisted with patient enrollment and writing/revision of the manuscript. VS: Analyzed and interpreted data (Doppler echocardiography), and participated in the critical revision of the manuscript. SL: Performed analyses of biological samples, assisted with interpretation of the data, and critical review of the manuscript. JHS: Performed analyses of biological samples, assisted with interpretation of the data, and critical review of the manuscript. FAK: Assisted with study design, performed analyses of biological samples, assisted with interpretation of the data, and critical review of the manuscript. EPV: Assisted with study design, data interpretation, patient enrollment and writing the manuscript.