 Study Aim/Purpose/Objectives: 	al:	Evidence	
 * Note: Although an N-of-1 or single subject study is best evidence for that individual patient, a publish subject study is a case report. Do the study aim/purpose/objectives and inclusion/exclusion criteria assist in answering your clinical question? Study Aim/Purpose/Objectives: 	hed repo		-
 subject study is a case report. Do the study aim/purpose/objectives and inclusion/exclusion criteria assist in answering your clinical question? Study Aim/Purpose/Objectives: 			-
answering your clinical question? • Study Aim/Purpose/Objectives:	l Yes	□ No	🗆 Unknown
Inclusion Criteria:			
Exclusion Criteria:			
Is a case report congruent with the author's study aim, purpose, or objectives above? $\hfill \square$	Yes	🗆 No	🗆 Unknown
When reading the bolded questions, consider the bulleted questions to help answer the main of your skills in evidence evaluation, please consult a local evidence experts <u>CCHMC Evidence Experts</u>			e:
Unfamiliar terms can be found in the <u>LEGEND Glossary</u> .			
Basic Elements of a Case Report			
Check the category that applies: Check the category that applies: New associations or variations in disease processes Innovative approaches/interventions for treatment in disease processes Findings that shed light on the possible pathogenesis of a disease or an adverse event Presentations, diagnoses, or management of new and emerging diseases Unreported or unusual side effects or adverse interactions involving medications or treatment Unexpected or unusual presentations of a disease Unexpected association between diseases and symptoms Unexpected event in the course of observing or treating a patient Does not fit one of the categories expected for case reports	Yes	□ No	☐ Unknown
2. Does the case report include a background of the issue on which the case report focuses?	□ Yes	🗆 No	🗆 Unknown
3. Does the case report include an up-to-date review of the previous cases in	□ Yes	🗆 No	🗆 Unknown
 Check the details that apply for each patient or for all patients (if >1 patient reported): A description of the patient's demographic information Any relevant medical history of the patient or their family The patient's signs and symptoms Any tests that were carried out 	Yes	□ No	☐ Unknown
A description of pertinent details (e.g., disorder, medication, interventions/treatments, adverse eve The outcome of the case	51113)		
	□ Yes	□ No	Unknown

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6. Was there freedom from conflict of interest?

• Sponsors, Funding Agency, Investigators

🗆 Yes 🛛 No 🛛 Unknown

Comments:

Ар	plicability	Can I apply this Case Report Information?			
7.	 Is the setting of the case Do the patient outcomes	lied to my population of interest? (s) applicable to my population of interest? apply to my population or question of interest? the patients) in this report similar to my population of interest?	□ Yes	□ No	🗆 Unknown
8.		amily's values and preferences satisfied by the n this report (such as outcomes considered)?	□ Yes	🗆 No	🗆 Unknown
9.	Would you include this	s report in development of a care recommendation?	□ Yes	🗆 No	Unknown

Comments on Study Applicability:

Additional Comments or Conclusions ("Take-Home Points")

Quality Level / Evidence Level

- Consider each "No" answer and the degree to which this limitation is a threat to the validity of the results, then check the appropriate box to assign the level of quality for this study/article.
- Consider an "Unknown" answer to one or more questions as a similar limitation to answering "No," if the information is not available in the article.

The Evidence Level is:

□ Good Quality Case Report

□ Lesser Quality Case Report [5b]

[5a]

□ Not Valid, Reliable, or Applicable

Adjust the level, if the domain of your clinical question is different than the domain of the study's clinical question. (See the entire Table of Evidence Levels or consult a local evidence expert for assistance.)

Final Evidence Level:

Rationale for adjustment:

Table of Evidence Levels																				
		TYPE OF STUDY / STUDY DESIGN																		
DOMAIN OF CLINICAL QUESTION	Systematic Review Meta–Analysis	Meta-Synthesis	RCT*	CCT*	Qualitative Study	Psychometric Study	Cohort – Prospective	Cohort – Retrospective	Case – Control	Longitudinal (Before/After, Time Series)	Cross – Sectional	Descriptive Study Epidemiology Case Series	Quality Improvement	Mixed Methods Study	Decision Analysis Economic Analysis Computer Simulation	Guidelines	Case Reports N-of-1 Study	Bench Study	Published Expert Opinion	Local Consensus Published Abstracts
All Domains	1a 1b											4a 4b		2/3/4 a/b	5a 5b	5a 5b	5a 5b	5a 5b	5a 5b	5

* RCT = Randomized Controlled Trial; CCT = Controlled Clinical Trial

LEGEND: Evidence Appraisal of a Single Study All Domains Case Report*



Development for this appraisal form is based on:

- 1. Guyatt, G.; Rennie, D.; Evidence-Based Medicine Working Group.; and American Medical Association.: Users' guides to the medical literature : a manual for evidence-based clinical practice. Users' guides to the medical literature : a manual for evidence-based clinical practice: "JAMA & archives journals." Chicago, IL, 2002
- 2. Melnyk, B. M. and E. Fineout-Overholt (2005). Evidence-based practice in nursing & healthcare : a guide to best practice. Philadelphia, Lippincott Williams & Wilkins.
- Phillips, et al: Oxford Centre for Evidence-based Medicine Levels of Evidence, 2001. Last accessed Nov 14, 2007 from http://www.cebm.net/index.aspx?o=1025.
- Fineout-Overholt and Johnston: Teaching EBP: asking searchable, answerable clinical questions. *Worldviews Evid Based Nurs*, 2(3): 157-60, 2005.
 Clark, E., Burkett, K., & Stanko-Lopp, D. (2009, Dec). Let Evidence Guide Every New Decision (LEGEND): an evidence evaluation system for point-
- of-care clinicians and guideline development teams [CCHMC LEGEND development]. J Eval Clin Pract, 15(6), 1054-1060.
- 6. http://www.jmedicalcasereports.com/jmedicalcasereports/about/submissions