

Systems for determining authorship

Table 2
The System of Ahmed et al.

	Author A	Author B	Author C	Author X
Conception				
Design				
Implementation				
Data analysis/interpretation				
Drafting the article				
Revising/reviewing the article				
Public responsibility				
<i>Total</i>				

Each Author is Given 0, 1, 3, or 5 Points in Each of Seven Categories
The points are totaled for each author, and authors are listed in descending order of their total points.³⁶

Ahmed SM, Maurana CA, Engle JA, Uddin DE, Glaus KD. A method for assigning authorship in multiauthored publications. *Fam Med*. 1997; 29:42–4, cited in Feeser, V Ramana, and Jeremy R Simon. “The Ethical Assignment of Authorship in Scientific Publications: Issues and Guidelines.” *Academic Emergency Medicine* 15, no. 10 (October 2008): 963–69. doi:10.1111/j.1553-2712.2008.00239.x., p. 968.

Table 3
Quantitative Uniform Authorship Declaration (QUAD) System*

	Author A	Author B	Author C	Author X
Concept/design				
Data collection				
Analysis/conclusions				
Writing				
<i>Total</i>				

*Each author's percentage contribution in each category is entered into the grid. Authors are listed in descending order of their total percentage contribution.³⁷

Adapted from Verhagen JV, Wallace KJ, Collins SC, Scott TR (2003) QUAD system offers fair shares to all authors. *Nature* **426**: 602, cited in Feeser, V Ramana, and Jeremy R Simon. “The Ethical Assignment of Authorship in Scientific Publications: Issues and Guidelines.” *Academic Emergency Medicine* 15, no. 10 (October 2008): 963–69. doi:10.1111/j.1553-2712.2008.00239.x.