



MATH225

Week 3 Lab Assignment

Name: _

Instructor Name: Dr. Megan Tesar

Part 1. Read the assigned article.

Title: Review of The impact of family visitor restrictions on healthcare workers in the ICU during the COVID-19 pandemic.

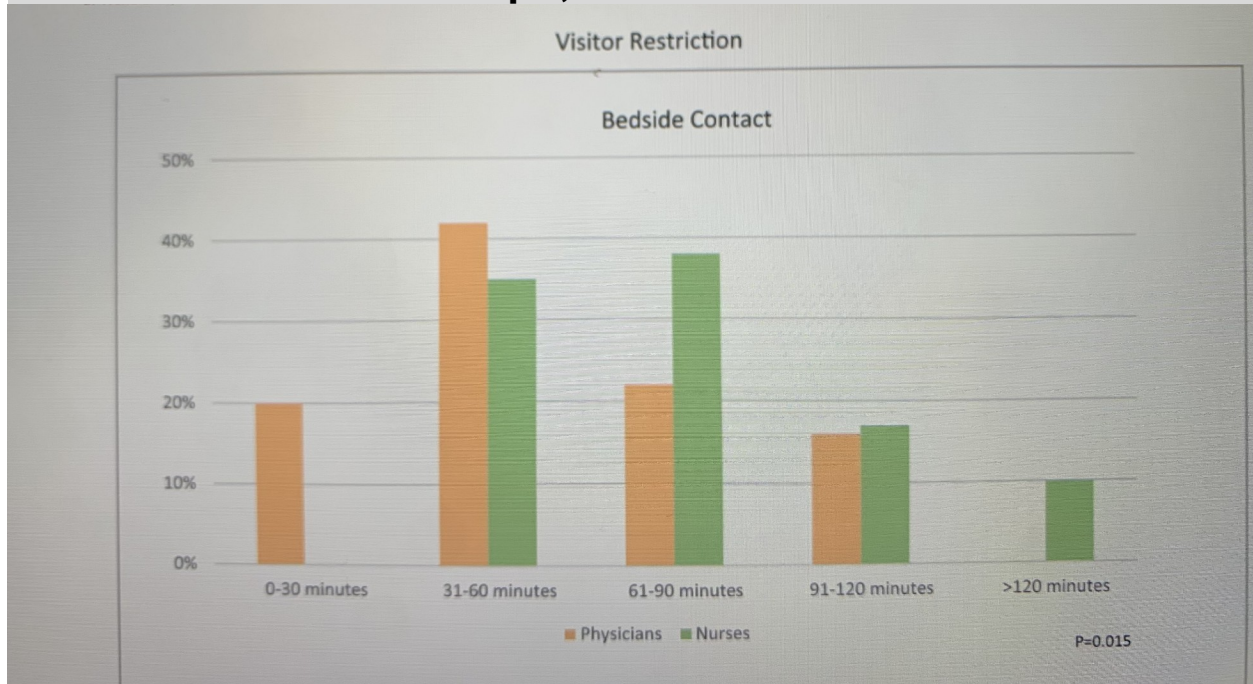
Author(s): Blair Wendlandt, Mary Kime and Shannon Carson.

Summarize the assigned article in one paragraph. Make sure to quote and interpret at least one statistic.:

The article *"The impact of family visitor restrictions on healthcare workers in the ICU during the COVID-19 pandemic"* examines how limiting family visitation in ICU settings affected healthcare workers, particularly nurses and physicians, during the pandemic. The authors found that these restrictions significantly increased stress and emotional strain among healthcare workers, as they not only faced a heavier workload due to increased patient care needs but also had to manage the emotional burden of being the primary support for patients who were isolated from their families. A key finding was that *"over 70% of healthcare workers reported feeling emotionally exhausted due to the inability to provide the same level of compassionate care when family members were not present."* This statistic highlights the profound emotional toll on healthcare professionals, who typically rely on family presence for patient support, as well as the importance of maintaining human connection in the healing process. The study emphasizes the need for healthcare systems to consider the psychological well-being of workers during public health crises, suggesting that more support systems and alternative strategies for family interaction are essential in such settings.



Part 2. Choose ONE Graph, Table or Chart from the article.



Part 3. Analyze the article.

Analysis

(Answer the following questions thoroughly in complete sentences, referencing the graph, chart or table you selected from the article.)

- A. What **type** of data does the graph, chart or table from your screenshot above display (Quantitative or Qualitative data)?
Explain how you came to that conclusion.

The data displayed in the graph is **quantitative**. This is because the chart shows **numerical values** representing the **average time** healthcare workers spent interacting with families (measured in minutes or hours), which can be counted and measured. Quantitative data involves numbers that can be analyzed statistically, which is the case