



Scientific Grit

Garra científica

Paradigm shifts are consequences of ideas sometimes primarily considered illogical.

There are several examples of researchers who really needed to insist on their ideas so that they could at least be considered plausible. Giving up, however, could have caused considerable losses in the history of plastic surgery.

A recent and striking example was the use of negative pressure therapy in the treatment of wounds. The first attempts to implement the principle were discredited and even considered unscientific, until the publication of the original study was accepted - after great obstinacy on the part of the authors¹.

Overcoming criticism and overcoming difficulties in convincing the scientific community about the validity of a new theory depends on factors related to the profile of the researcher, the type of subject presented, as well as the source where they are published.

In this sense, the grit of the research team, translated by perseverance and passion, are fundamental elements². The process that culminates in the publication of a scientific article is indeed demanding. There are multiple stages that require determination, from the conception of the idea, through the choice of study design, execution, editing and submission, with doses of patience, resilience, and perseverance. They culminate with the acceptance of a study for publication. Being willing to justify, having the humbleness to accept criticism, as well as solid scientific bases to debate are part of a researcher's armamentarium and qualities that must be improved and applied.

Every idea is valid, every thought of promoting science must be respected and considered as an investment in health. Choosing the right tools to use will determine the success of the process.

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REFERENCES

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