



Hurry, pressure and training

Pressa, pressão e formação

The young surgeon is in a hurry. He is in a hurry to learn, in a hurry to execute, to clear the world before his eyes.

Society exerts pressure and wants new options that are increasingly efficient and risk-free. Patients are also in a hurry for quick results, return to routine, resumption of physical and professional activities.

No matter the degree of complexity of the diagnosis or procedure, the search for the perfect solution is a citizen's characteristic in this new era.

To offer the best, it is necessary to have experience, educational background, technical skills; in other words, expertise, diligence and logically, prudence.

Teaching in Medicine has adapted to these new precepts, and it is no different for our specialty^{1,2}.

In short, what we need today is very different from what we had until very recently. What about technical books? Great consolidated works of knowledge, which, when published, no longer translate the current evidence. Natural for a time when the speed of information depended on the press, the large gap between bibliographic updating and publication was not even noticed. Today, the limited scientific value of a textbook is perhaps more important to the author, as an effect of personal publicity, than to the reader, as a means of learning.

Even scientific journals have changed the mode of publication to hasten the dissemination of research results. The volumes and fascicles have been switched to a mode of continuous publication in their virtual versions, made available on the network in real time³. The rapid release of articles accepted in the model called "ahead of print", even before formatted in the final style, seeks in the same way to hasten the propagation of scientific information⁴.

There is, however, a need for parsimony and common sense. And speaking of haste, as a popular expression in Portuguese says: a lot of serenity at this time! Rapid dissemination cannot be synonymous with disrespect for due scientific rigor. Non-certified platforms of disseminating medical information tend to disappear as the speed of integration increases. Even so, the value information must go through the entire validation process. The process must be fast, but the steps must be followed, both for teaching and for learning. This includes self-assessment of teaching, in a scientific and validated way⁵⁻⁸. Ensuring quality teaching, based on scientific information is a must. Disseminating science, indistinctly, is another obligation, which must be exercised with intensity and responsibility.

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REFERENCES

1. Vaysburg DM, Morris C, Kassam AF, Delman AM, Ammann AM, Cortez AR, Van Haren RM, Quillin RC 3rd. Who is Committed to Education? An Analysis of Surgical Education Research Publications. *J Surg Educ*. 2021 Nov-Dec;78(6):e93-e99. doi: 10.1016/j.jsurg.2021.07.007. Epub 2021 Aug 3. PMID: 34353761.
2. Perdakis G, Eaves FF, Glassman GE, Walker S, Huang LC, Mast B, Damitz L, Rubin JP, Serletti JM, Hansen J, Potochny J, Kenkel J, Taub PJ, Sobczyk S, Gilman RH, Saint-Cyr MH, Cederna P. Aesthetic Surgery in Plastic Surgery Academia. *Aesthet Surg J*. 2021 Jun 14;41(7):829-841. doi: 10.1093/asj/sjaa181. PMID: 32794545.

3. Jeng BH. Marching Ahead Online and Leaving the Print Behind. *Eye Contact Lens*. 2021 Jan 1;47(1):1. doi: 10.1097/ICL.0000000000000758. PMID: 33136691.
4. Karimbux NY. Lean Product Development and Publish Ahead of Print. *J Dent Educ*. 2019 Jan;83(1):3-4. doi: 10.21815/JDE.019.001. PMID: 30600244.
5. Dinis-Oliveira RJ. The H-index in Life and Health Sciences: Advantages, Drawbacks and Challenging Opportunities. *Curr Drug Res Rev*. 2019;11(2):82-84. doi: 10.2174/258997751102191111141801. PMID: 31875780.
6. Ballard TN, Sando IC, Kasten SJ, Cederna PS. Successfully Integrating Research into Plastic Surgery Training Programs. *J Craniofac Surg*. 2015 Nov;26(8):2279-82. doi: 10.1097/SCS.0000000000002214. PMID: 26517468.
7. Rubio DM, Primack BA, Switzer GE, Bryce CL, Seltzer DL, Kapoor WN. A comprehensive career-success model for physician-scientists. *Acad Med*. 2011 Dec;86(12):1571-6. doi: 10.1097/ACM.0b013e31823592fd. PMID: 22030759; PMCID: PMC3228877.
8. Fiechter CR, Hallion JC, Schmidt MN, Galandiuk S, Polk HC Jr. The Impact of Surgical Research on Career Success: A Forty-Year Follow-up of Undergraduate Experiences. *Ann Surg*. 2021 Mar 1;273(3):e100-e102. doi: 10.1097/SLA.0000000000004075. PMID: 32740229.