Transcending bibliometrics: Measuring knowledge transfer and clinical impact

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**ASSESSMENT OF INTELLECTUAL IMPACT** (Bibliographic Analysis)

Citation rates for Gordon, et al. 2002 and Kass, et al. 2002, exceed average citation rates for papers and are among the top 10% of all papers published in 2002 in Clinical Medicine. (Source: Essential Science Indicators)

Of the four main papers identified as "Research Fronts" for glaucoma, three were From Kass, et al. 2002, Gordon, et al. 2002, and Brodie, et al., 2001. (Source: Essential Science Indicators)

Of the 16 Most Highly Cited Papers (over the past ten years) identified for Gordon, et al. 2002, ranked number four with 267 citations. (Source: Essential Science Indicators)

**ASSESSMENT OF CLINICAL IMPACT**

**OTHER CRITERIA FOR ASSESSING CLINICAL IMPACT**

- New application of generic medicine
- Retail
- New drug
- New nocost
- New formulation
- New device

**MEANS OF DISSEMINATION USED BY OHTS**

- **Presentation/Posters at national and international conferences**
  - OHTS web site
  - OHTS look Assessment
  - OHTS look EA

- **Manuscript publication**

- **Gutted via OHTS to 6 other application**

**SOME STRATEGIES FOR ENHANCING RESEARCH IMPACT**

1. Add the name of study in publication title (see some wording consistently)
2. Add the name of study as an author name (see wording consistency)
4. Start a research blog on the study
5. Create a website devoted to the research study
6. Assign MeSH terms
7. Assign author keyword terms
8. Make sure the research is included in the terminology appropriate to the field of study, i.e., Ocular Trauma Terminology or Cancer Classification scheme
9. Call for other publications on related topics
10. Publish negative as well as positive research findings
11. Deposit data in an appropriate repository such as NciDB
12. Follow up preliminary research (Abstracts) presented at a conference with a full manuscript
13. Start a blog devoted to the research study, http://researchblogging.org/
14. Partner with a non peer-reviewed trade publication to submit updates on research
15. Follow in the scientific literature the describing the research study and visit to YouTube or ScienceCentral
16. Start a blog devoted to the research study
17. Create a podcast describing the research study and submit to YouTube or ScienceCentral
18. Start a blog devoted to the research study and publish in PubMed
19. Partner with a public health organization devoted to the disease condition related to the research study
20. Submit preliminary research findings for dissemination

**WHY DOES IT MATTER?**

- **Google**
- **Journals**
- **Trade Publications**
- **Research**
- **Publications**
- **Press**
- **Promotion**
- **Awards**
- **Patents**
- **Grants**
- **Research**
- **Committee**
- **Presentation**
- **Exhibit**
- **Demonstration**
- **Demonstration that research results in clinical implementation**

**REFERENCES**

1. Deposit in PubMed Central http://www.pubmedcentral.nih.gov/
2. Start a research blog on the study
3. Create a website devoted to the research study
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5. Assign author keyword terms
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**PROJECT DESCRIPTION**

The main objective for the project (31 August to 31 August 2007) was to assess and evaluate the impact of Ocular Hypertension Treatment Study (OHTS) findings, then to assess the impact of Ocular Hypertension Treatment Study (OHTS) findings, then to assess the impact of OHTS findings on the society. The Ocular Hypertension Treatment Study (OHTS) started in 1994, and the first report was presented in 1998. The main objective of the study was to assess and evaluate the impact of OHTS findings on the society.

**ASSESSMENT OF INTELLECTUAL IMPACT**

Evidence of intellectual impact was assessed by citation analysis. OHTS allows for knowledge transfer and impact; clinical impact is evaluated by assessment of clinical impact. OHTS allows for knowledge transfer for expansion of research in related areas (ancillary studies). OHTS allows for knowledge transfer for expansion of research in related areas (ancillary studies). OHTS allows for knowledge transfer for expansion of research in related areas (ancillary studies). OHTS allows for knowledge transfer for expansion of research in related areas (ancillary studies).

**DISCUSSION**

While bibliometric analysis was useful in demonstrating intellectual impact, it did not reveal the full impact of OHTS research findings by demonstrating evidence into clinical application of the knowledge. The evidence identified from OHTS in intellectual impact cannot be demonstrated a more robust and comprehensive perspective of the potential and actual impact of the OHTS findings. Assessment of clinical impact posed the major problem for this project because clinical impact is difficult to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact. Strategies to assess and locating evidence of research impact.