Internationalization of Submissions to the Canadian Association of Radiologists Journal

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Disclosures

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Objectives

• Explore submission trends for the Canadian Association of Radiologists Journal (CARJ)
• Conduct a geographic analysis of academic submissions and acceptance rates, with a particular focus on submissions from Asian institutions
• Explore reviewer rationales for submission rejections
• Provide recommendations for enhanced submission quality and improved acceptance rates
CARJ – The Journal

• Canadian Association of Radiologists Journal
  – Founded in 1947
  – Currently in 66th volume of circulation
  – 400 page per year publication schedule
CARJ - Impact Factor

CARJ Impact Factor

<table>
<thead>
<tr>
<th>Year</th>
<th>Impact Factor</th>
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<tbody>
<tr>
<td>2009</td>
<td>0.925</td>
</tr>
<tr>
<td>2010</td>
<td>0.400</td>
</tr>
<tr>
<td>2011</td>
<td>0.691</td>
</tr>
<tr>
<td>2012</td>
<td>0.431</td>
</tr>
<tr>
<td>2013</td>
<td>0.600</td>
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</tbody>
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Materials and Methods

• Retrospective manuscript review between 2009 and 2013

• Submission analysis
  – Country of origin
  – Publication decision
  – Reviewer’s decision rationale
Institution Country of Origin - 2009

- Turkey: 3%
- Taiwan: 1%
- Israel: 3%
- Singapore: 6%
- China: 2%
Institution Country of Origin - 2010

- Turkey; 3%
- Thailand; 1%
- Singapore; 3%
- Japan; 2%
- Iran; 2%
- India; 2%
- China; 2%
Institution Country of Origin - 2011

- Taiwan: 2%
- Turkey: 6%
- Kuwait: 1%
- Japan: 2%
- Israel: 1%
- Iran: 2%
- India: 3%
- China: 5%
Institution Country of Origin - 2012

- Turkey: 7%
- Taiwan: 1%
- Saudi Arabia: 1%
- Jordan: 1%
- Japan: 4%
- Iran: 5%
- India: 2%
- Hong Kong: 1%
- China: 10%
Institution Country of Origin - 2013

- Turkey: 7%
- China: 9%
- Iran: 7%
- India: 2%
- Hong Kong: 1%
- Israel: 1%
- Korea: 1%
- Pakistan: 1%
- Saudi Arabia: 1%
- Taiwan: 1%
Submission Trends: Asian Institutions

![Graph showing submission trends from 2009 to 2013](image_url)
Acceptance Trends (2009-2013)
Acceptance Trends (2009-2013)

- Canada: High acceptance rate
- Asia: Moderate acceptance rate
- Global: Moderate acceptance rate

Manuscript Origin
# International Leaders

<table>
<thead>
<tr>
<th>Number of Manuscript Submissions (% of total submissions)</th>
<th>Manuscript Acceptance Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. USA (7.6%)</td>
<td>1. USA (54%)</td>
</tr>
<tr>
<td>2. Turkey (5.9%)</td>
<td>2. Singapore (50%)</td>
</tr>
<tr>
<td>3. China (5.5%)</td>
<td>3. Korea (50%)</td>
</tr>
<tr>
<td>4. Ireland (3.5%)</td>
<td>4. Belgium (50%)</td>
</tr>
<tr>
<td>5. Iran (3.2%)</td>
<td>5. Ireland (42%)</td>
</tr>
<tr>
<td>6. India (3.1%)</td>
<td></td>
</tr>
</tbody>
</table>
Manuscript Rejection Rationale*

- Flawed study design (41%)
- Poorly structured manuscript (39%)
  - Academic misconduct
  - Language barrier (grammar, syntax, etc.)
  - Failure to conform to journal guidelines
- Insufficient contribution to academic literature (29%)
- Subject matter not aligned with readership interests (19%)

*Cumulative percentage is greater than 100% due to multiple rejection rationales being cited per submission
Current State...

- Over recent years, there has been a growing interest among authors abroad to publish in CARJ, indicating increasing acceptance rates for these international submissions.
- Manuscript rejections stem largely from inadequately designed studies or manuscript design rather than insufficient readership interest.
- Increased awareness and education is paramount for continued success from international authors.
The Future…

• **Recommendations for further success among authors abroad:**
  – Specific in-training focus on academic writing
    • Dedicated time focused on academic development and research endeavours
  – Continued networking and mentorship in academic medicine
  – Increased awareness surrounding common pitfalls of manuscript submissions
  – Manuscript writing/study design conferences and workshops
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