

IMMEDIATE IMPACT: NURSING PARTICIPATION IN CLINICAL STROKE AUDIT IN CATALONIA

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Background

- In 2007 the Catalan Stroke Programme (PDMVC) started Stroke Audits as a tool to assess the quality of Acute Stroke Care.
- Since 2010 nurses were involved in Stroke Audit data collection.
- For the first-time, in the 5th edition (ACI5, 2019) the Nursing Impact and the experience were evaluated.

Stroke Audit timeline



Aims

- **General:** To analyse the immediate impact of Nursing collecting data participation in Audit5 during 2018-2019.
- **Specifics:**
 - To assess Nursing professionals experience participating in Audit5.
 - To identify aspects of improvement for Nurses in next Stroke Audits.

Methods

The quantitative perspective based on the survey's research strategy was selected. An exploratory questionnaire was designed, identifying 4 topics, generating a total of 32 closed and opened questions.

Results | 4 TOPICS – Key figures

An online questionnaire was sent to 118 health professionals participating in ACI5, with a **33% response rate**.

1. Nursing profile

- 56%** professional activity in **Neurology and Stroke Units**.
- 30%** average of **11 years experience in stroke care**.
- 79%** with specific **training in stroke care**.

3. E-ictus platform

- 58%** Easy usability of the platform.
- 77%** Total agreement material and information given to Nurses in ACI5 was useful.

2. Nursing participation impact

- 71%** improved **stroke patient Knowledge**.
- 63%** improved **patient care and protocols skills**.
- 82%** improved their level of **stroke knowledge**.
- 55%** improved their level of **stroke treatments knowledge**.

4. Nursing perception impact

- Increased **team communication**.
- Increased **involvement in clinical skills and research**.
- Increased **workforce development & new professional networks**.

Conclusions

The participation of nurses in ACI5 had an immediate positive impact at the professional and hospital level due to:

1. Nurses showed an advanced profile in stroke care;
2. Nurses knowledge in treatment and stroke care was updated;
3. Participant nurses perceived that the team communication, the workforce development, research skills and new stroke professionals networks were enhanced.