

An international multifaceted educational program about *Acute Kidney Injury* across Latin America

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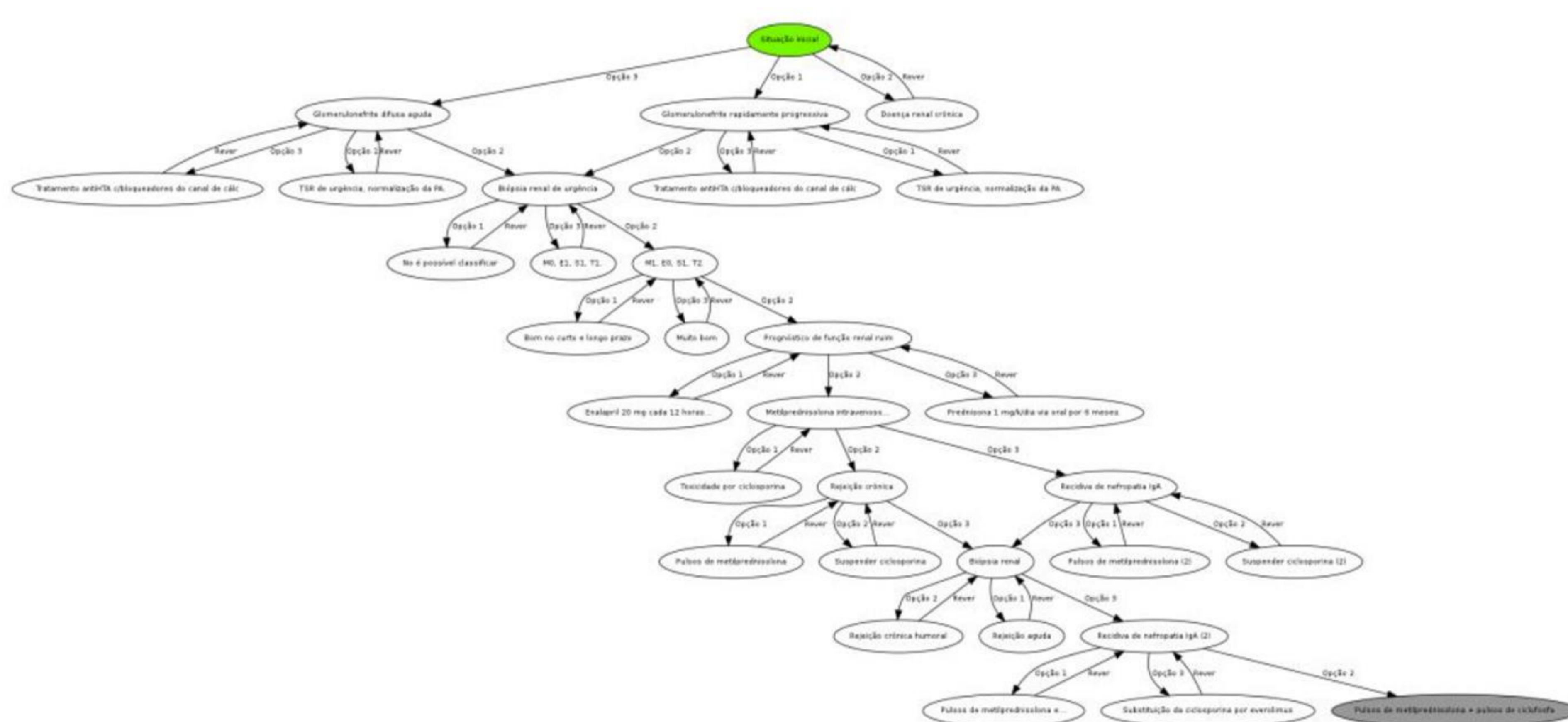
BACKGROUND

Latin America is a large and diverse region of over 20 middle-income countries, with 600 million people and one million physicians, who speak two main languages, Spanish and Portuguese.

Raising awareness on acute kidney injury (AKI) is an essential strategy for minimizing the burden of this lethal syndrome, and so the AKI Commission of the Latin American Society of Nephrology and Hypertension, together with EviMed, carried out an educational program based on networked learning.

METHODS

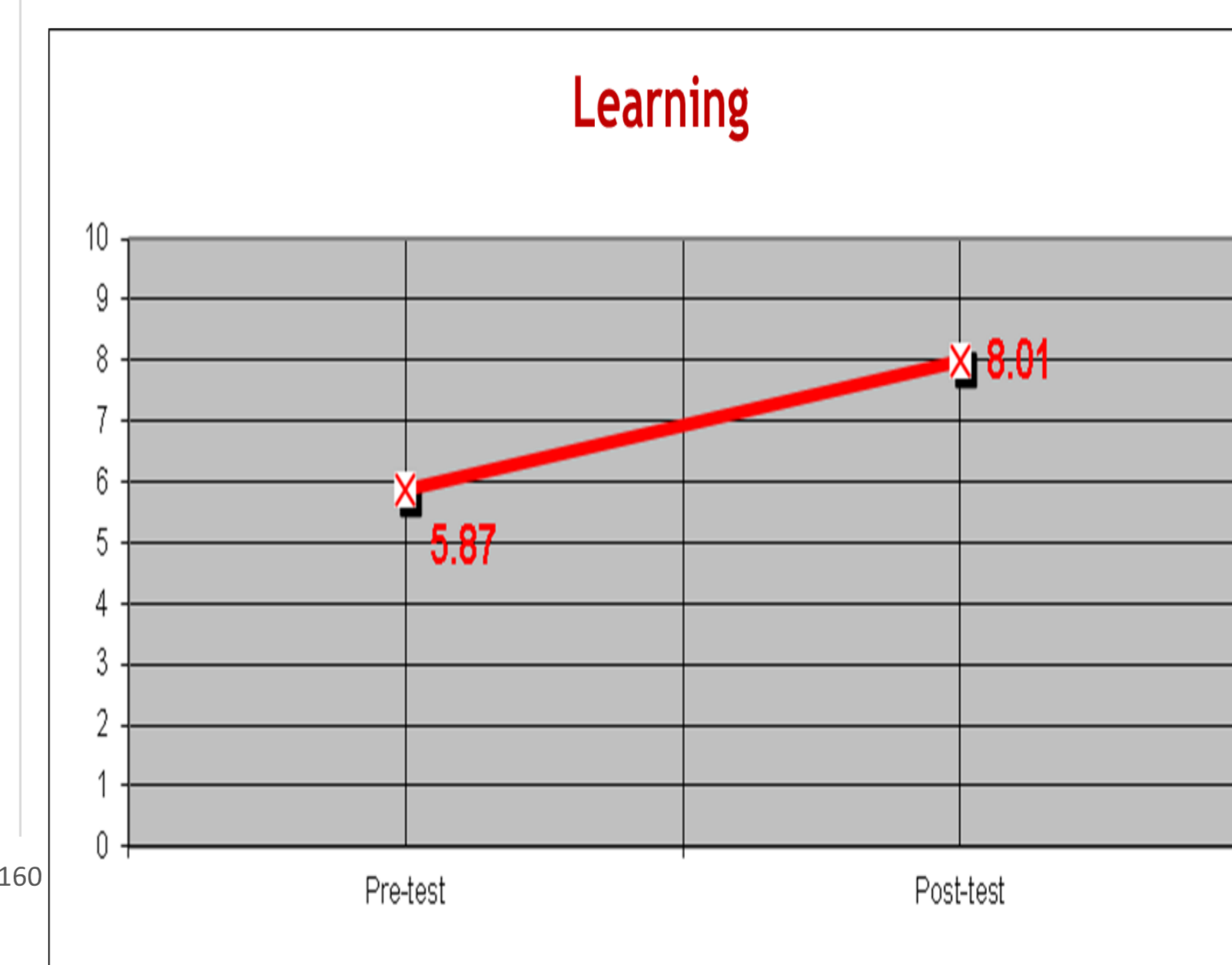
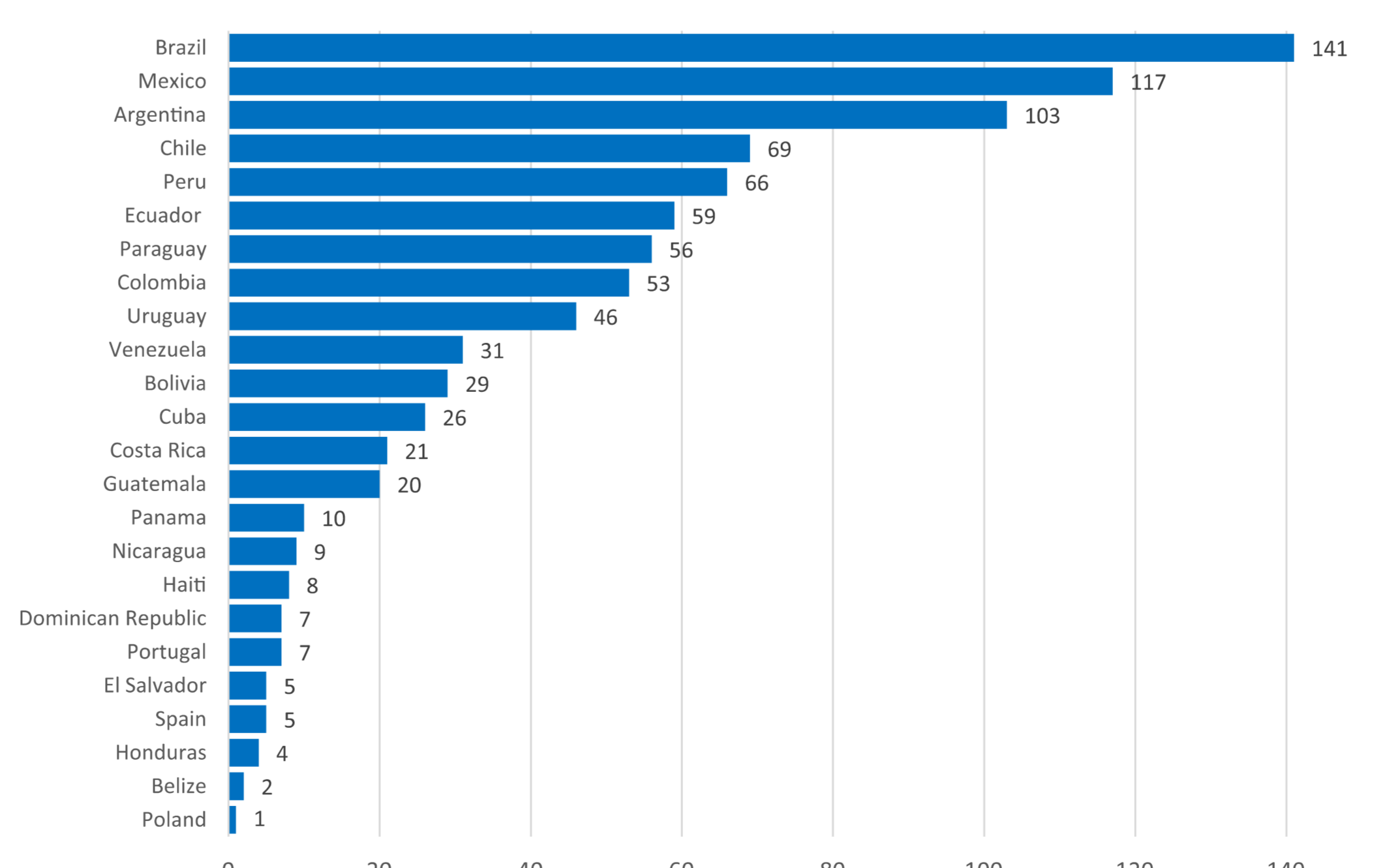
Two online courses with similar methodology were done, one for nephrologists and the other for primary care physicians (PCP). The courses were developed as Massive Online Courses, with a distance education, asynchronous online modality including multiple educational strategies: readings, videos, e-rounds and clinical simulations.



Knowledge gain was explored through a 10-question test before and after completing the course.

RESULTS

| | Nephrologists | Primary care physicians |
|-------------------------------------|-----------------------------|-----------------------------|
| Study work load /Duration | 30 hours / 2 months | 14 hours / 1 month |
| Participants | 779 | 2011 |
| Countries | 24 | 27 |
| Access | For a fee | Free |
| Number of access to texts | 19289 | 7162 |
| Number of access to videos | 21384 | 13197 |
| Gain of knowledge | 36.5% | N/A |
| Evaluation good/very good | 94% | 97% |
| The best | Clinical simulation (60%) | Educational design |
| The worse | Nothing in particular (65%) | Nothing in particular (64%) |
| Main limitation for learning | Lack of time | Lack of time |



CONCLUSIONS: Distance education for massive professional audiences was effective for learning about AKI, and is a potential tool for the development of a sustainable structure for communication, exchange and integration of physicians involved in the care of patients with AKI.