



# “Neurologie en Afrique”

**Dr. William P. HOWLETT**

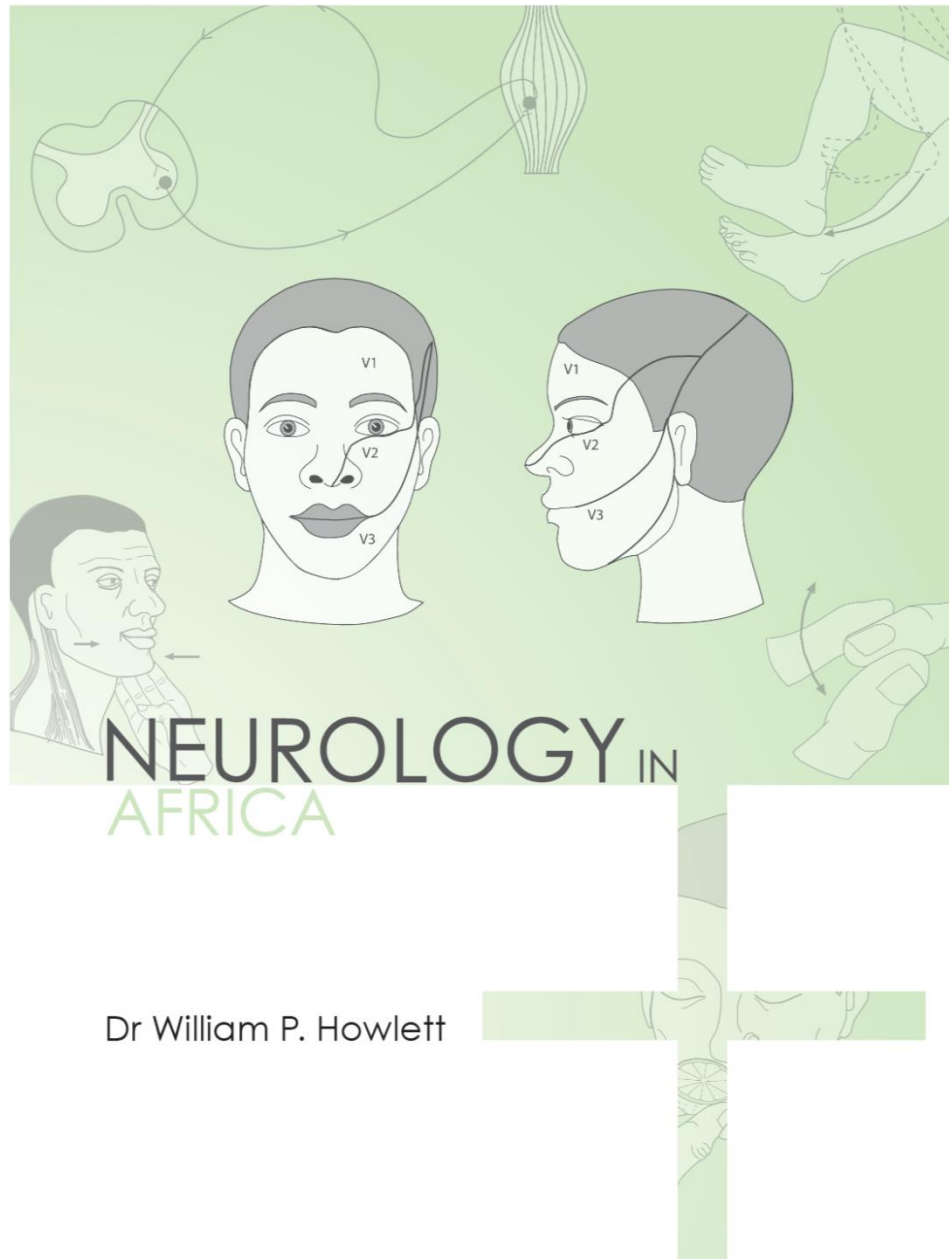
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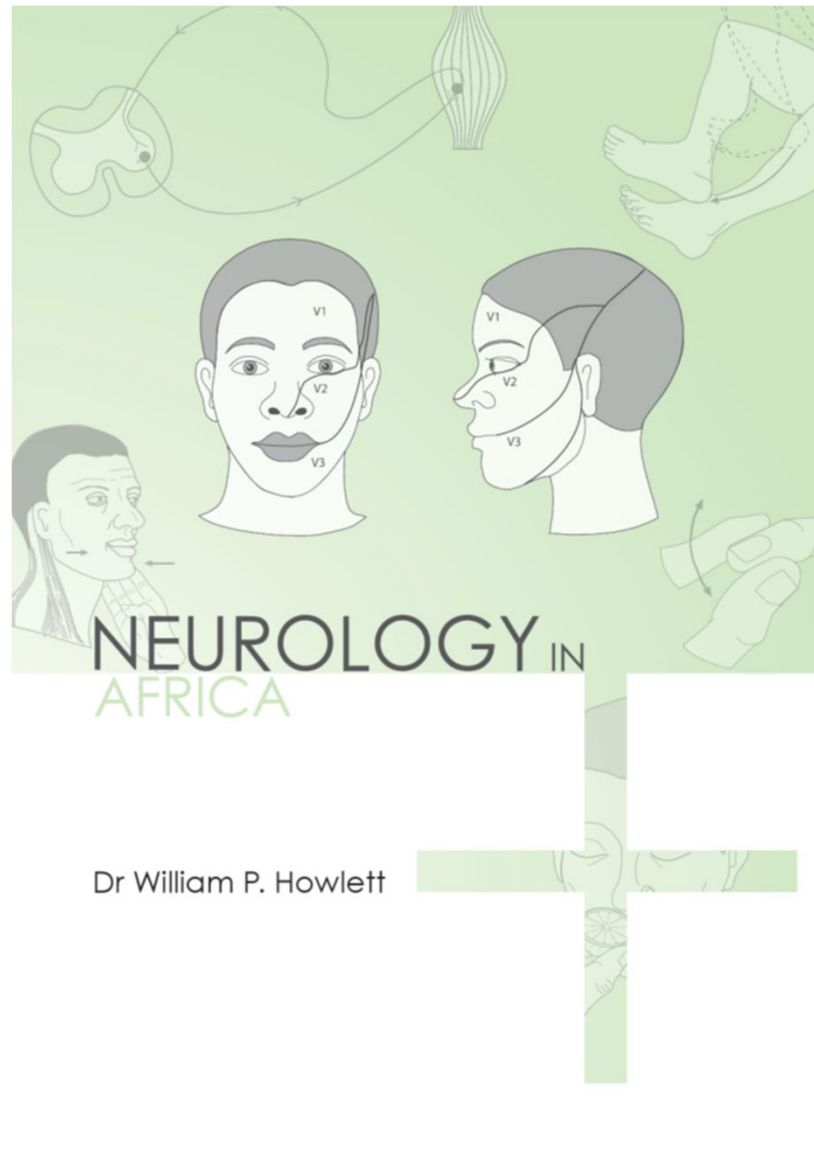
Brain Research Africa Initiative (BRAIN)



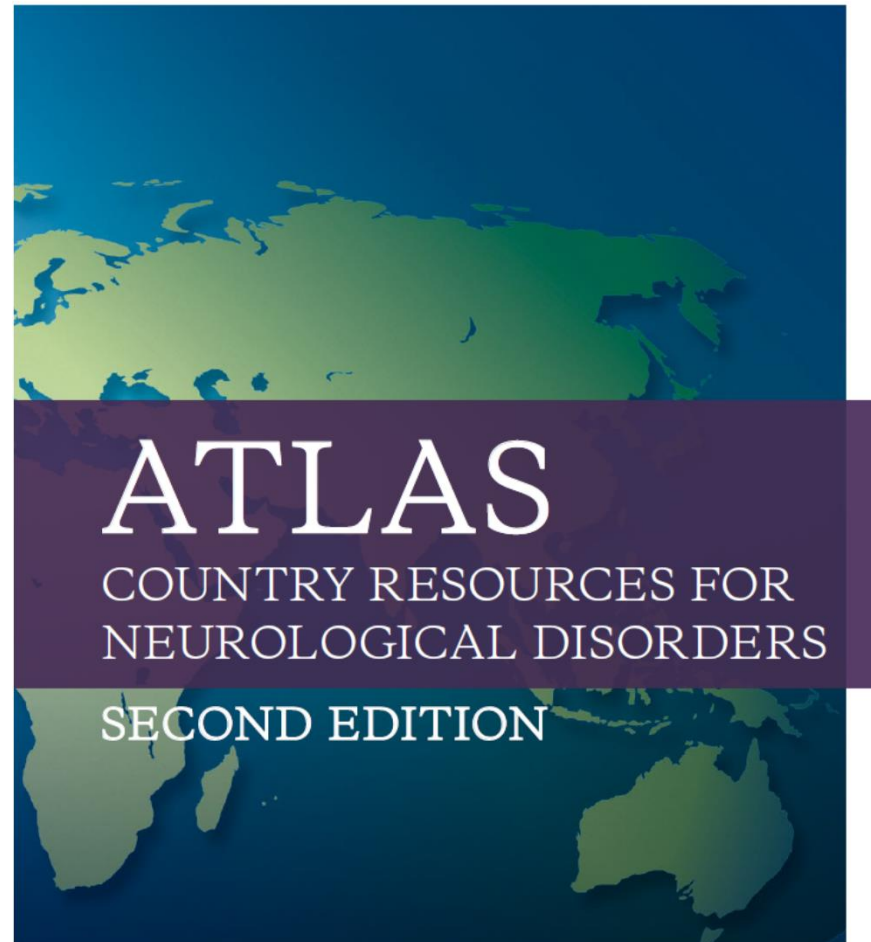


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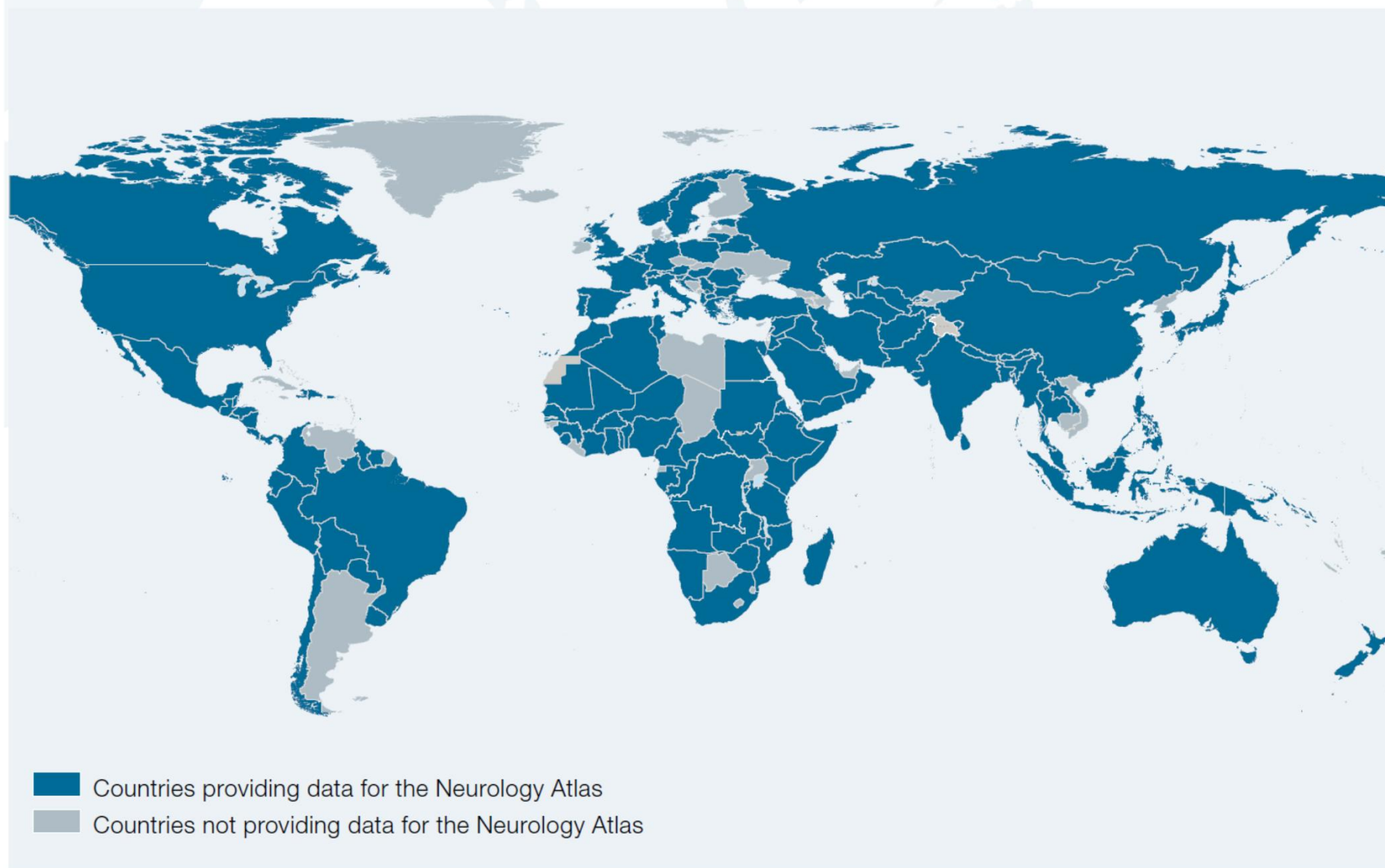
# WHY WAS THIS BOOK WRITTEN?



# The burden of neurological disease



**FIG. 1. Countries which provided data for the Neurology Atlas, second edition**



# Burden of Neurological Disorders

- **Global Burden of Disease** data over the past 20 years:
  - large and growing burden of death and disability caused by neurological disorders
- **Growing recognition** that:
  - the burden of neurological disorders is disproportionately high in low- and middle-income countries, where health-care services and resources are often scarce.
- **More Importantly,**
  - the neurological burden of disease is expected to grow exponentially in the next decade, with highest burden in low- and middle-income countries (**AFRICA +++**).

Absence of balance between disease burden and workforce!





## RESULTS

### 5. WORKFORCE FOR NEUROLOGICAL DISORDERS

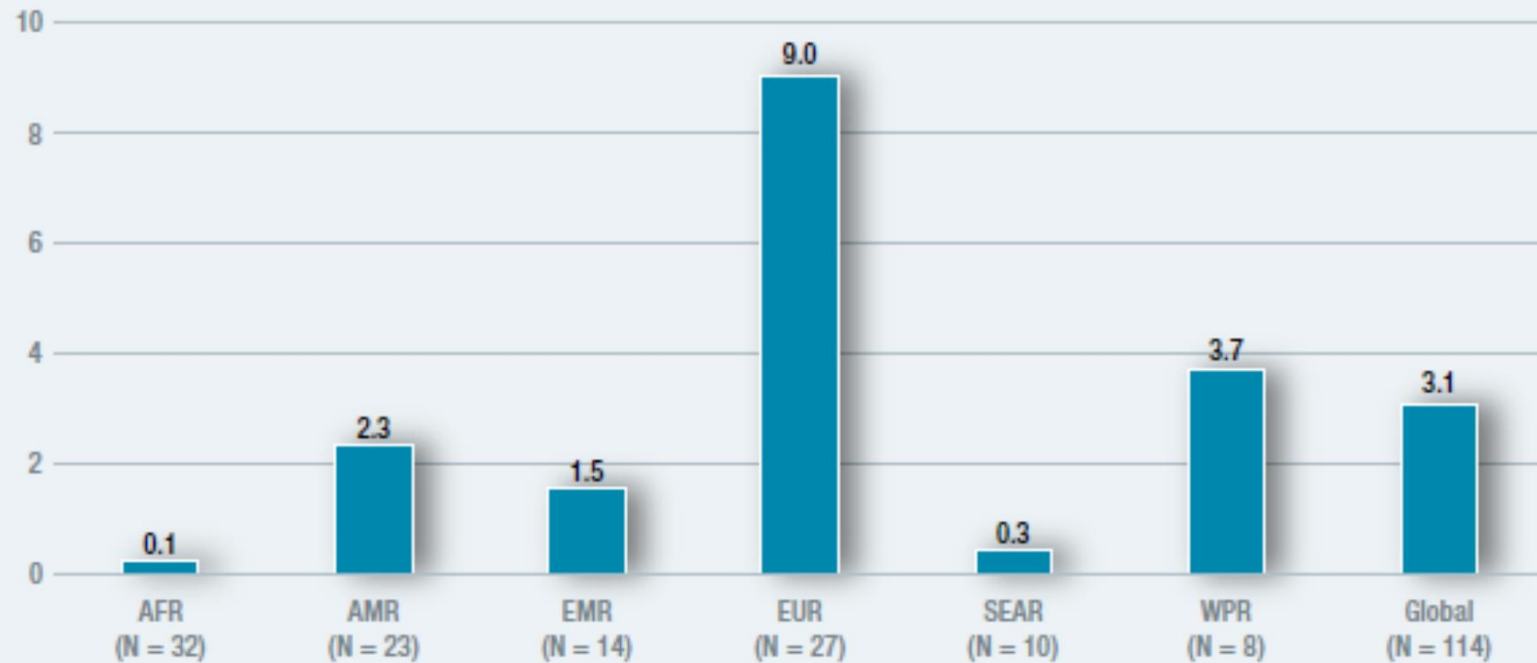


FIG. 11. Median neurological workforce per 100 000 population, by WHO region



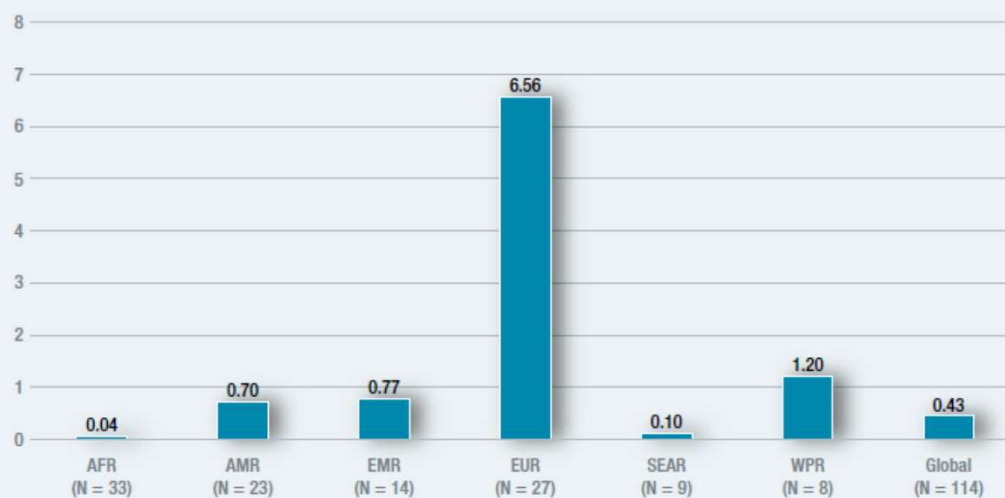


FIG. 13. Median number of adult neurologists per 100 000 population in the responding countries, by WHO region

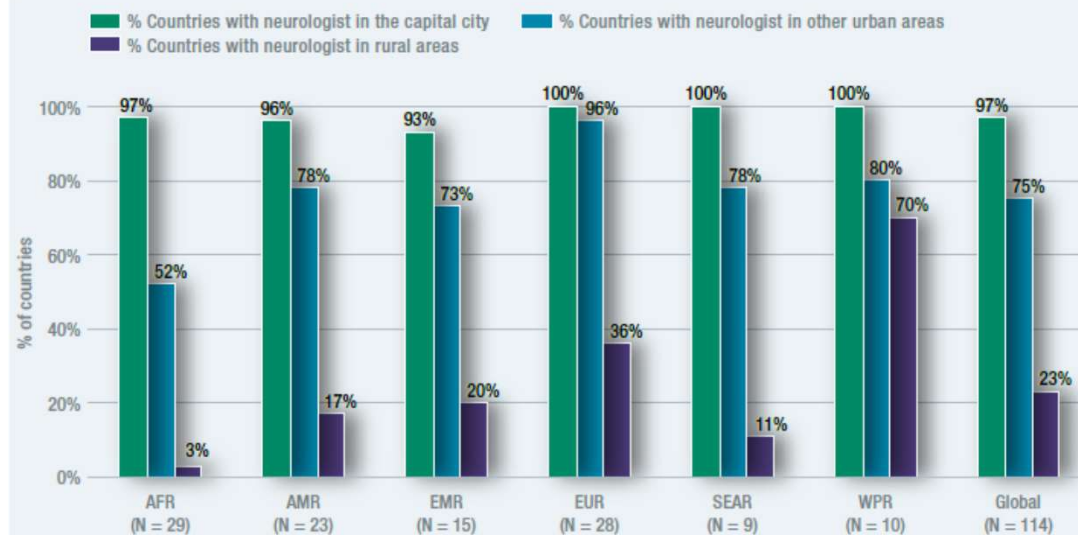


FIG. 15. Countries with neurologists in urban and rural areas, by WHO region

# Therefore: Need to train more Neurologists in Africa, for Africa



Neurology Residents in Kigali

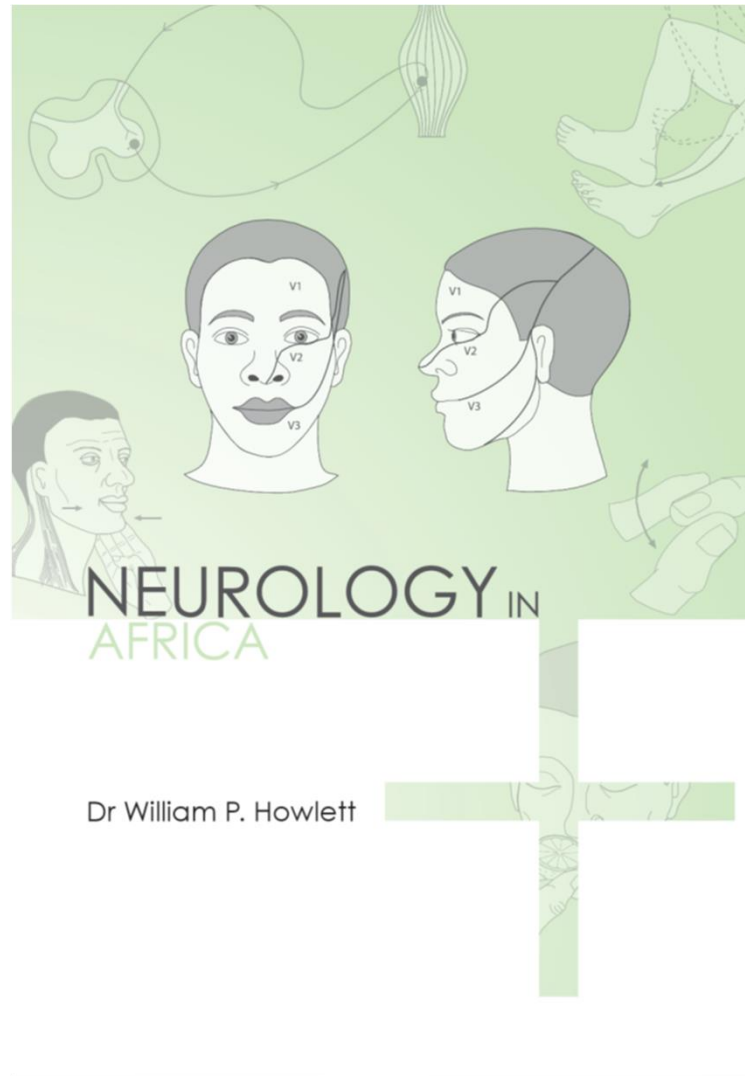


Chief Neurologist,  
Neurologists and Residents in Yaoundé

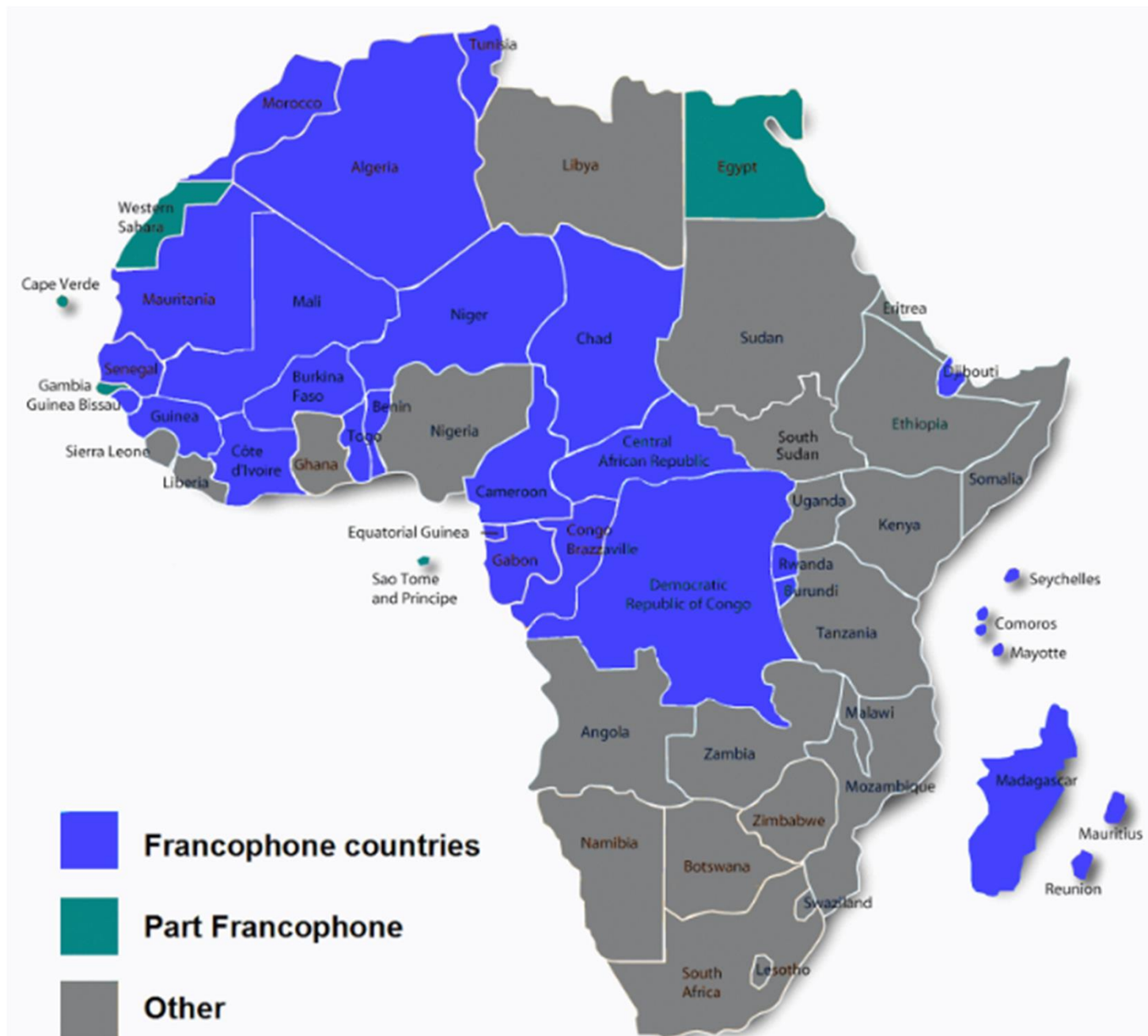
**Therefore: Need to train more General Physicians in Africa, for rural Africa**



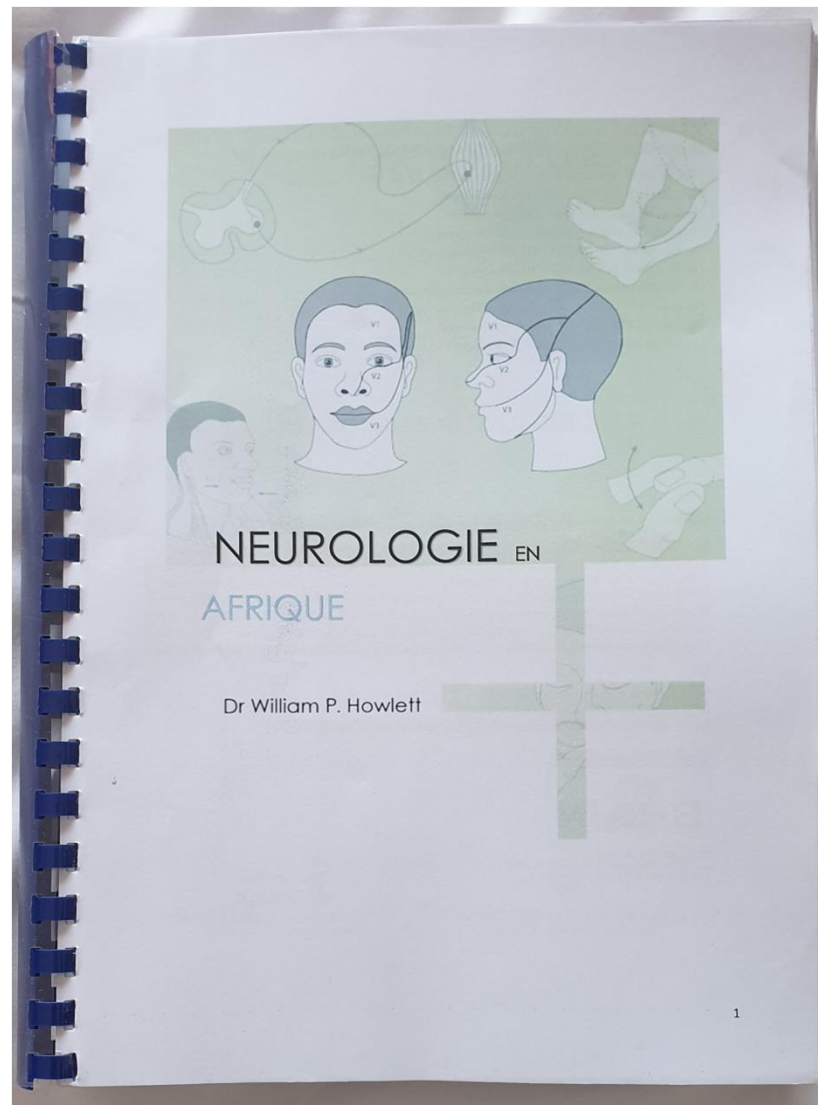
# WHY WAS A FRENCH TRANSLATION NECESSARY?







# THE FRENCH TRANSLATION (DRAFT)



# The French translation: Next Steps

- Proof-reading
- Validation
- Typesetting / Publication
- Online publication
- Promotion for use in French-speaking countries



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# THANK YOU / MERCI

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## WORLD NEUROLOGY

THE OFFICIAL NEWSLETTER OF THE WORLD FEDERATION OF NEUROLOGY

### PRESIDENT'S COLUMN

## The Importance of WFN Council of Delegates Meeting

As all who receive the World Neurology publication know, the XXIV World Congress of Neurology is almost upon us. It will commence Oct. 27 in Dubai. The World Congress will showcase the most

topical subjects in neurology, facilitate the learning experience of all attendees, and provide a forum for wide-ranging discussion of these. The World Congress will also host a range of important business meetings for the WFN. Foremost among these is the Annual Council of

Delegates (COD) Meeting. The Global Neurology Alliance will also meet as will numerous WFN committees such as Education, Membership, Finance, Congress, e-Communications and Constitutions, and Bylaws, which all together represent the heart of the WFN.



WILLIAM CARROLL, MD

The Council of Delegates Meeting is held annually, as it must be according to the United Kingdom Charities' Commission. It is at this meeting that decisions critical to the WFN will be made. The Annual COD Meeting that coincides with a WCN, as this one in Dubai does, often assumes greater significance than those in the intervening years. The simple reason is that more national member representatives attend the COD in a WCN. There is no doubt that the larger number of delegates increases the range of opinions that are offered by delegates on the topics discussed. It is also clear that the WFN benefits from this in the quality of the decisions that are made. This year's COD will occur at 2 p.m., Saturday, Oct. 26. Seventy to eighty delegates or their proxies will be present from the 120 member societies, observers, trustees, and the

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London Office staff. Under the WFN rules, only member societies that are "financial" will be able to vote on resolutions and elections.

At this year's COD, there are critical decisions to be made. Two elected trustee positions are to be decided, the 2023 WCN venue will be resolved and elections to membership of the WFN will be determined. The two trustee positions are those of treasurer, currently occupied by Richard Stark, and an elected trustee

(Steven Lewis). Both are entitled to stand for re-election, and both are exercising this option. You will find their personal statements in this issue. That they are both standing unopposed may be regarded as a testament to the quality of their contribution to the WFN to date. Their personal statements provide important insights into their views of the WFN, its function and future role as the global neurological organization.

see PRESIDENT page 1

## Migraine in Cameroon:

From the Painful Truth to the Powerful Tribute

BY ALFRED KONGNYU NJAMNISHI, MD, MA, PhD, FRC

In 2009, when then-president of the World Federation of Neurology (WFN) Prof. Johan A. Aarli set foot in Yaoundé for the 18th Congress of the Pan African Association of Neurological Sciences, (PAANS), Cameroon—fondly referred to by its citizens as "Africa in miniature"—was a peaceful, prosperous, powerful, and promising nation of the central African sub-region. At that time, there were only a handful of neurologists in Cameroon, and there was no training program for neurologists in the medical schools of the country.

In organizing this congress, a great need was felt to reach out for the preparation of future neurologists in the country. This was done through a pre-congress activity that consisted of selecting the best students from some primary, secondary, and university institutions in Yaoundé, introducing them to the neurosciences, and evaluating their performances after a short educational intervention on the epilepsies.

Concerning this innovative program, Prof. Aarli had this to say: "The type of outreach program presented in

see CAMEROON page 2

### INSIDE

#### CANDIDATE STATEMENTS FOR WCN 2023

Three countries vie for the opportunity to host WCN 2023: Brazil, Mexico, and Canada. See each country's statements.

PAGES 3 AND 4

#### WORLD BRAIN DAY 2019 IN PAKISTAN

Pakistan's NARF organized country-wide activities to mark the fifth Annual World Brain Day, with the theme Migraine: The Painful Truth.

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#### WORLD BRAIN DAY IN TURKEY

The Turkish Neurological Society reports on its World Brain Day activities.

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#### ECHOS OF KINDNESS

Serendipity brought my members together at the EAN regional teaching course in Ouagadougou, and discussions ensued that culminated in the opportunity to begin my formal training in EMG/NCS in Austria.

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#### CRITICAL MINDS ON THE BRAIN IN THE 17TH CENTURY

Medical students of human and animal bodies in the 17th century demonstrated a critical attitude toward the knowledge that was taught in books and by their teachers. Inspired by the new mechanistic or iatrophysical physiology of René Descartes, they not only questioned the anatomical and physiological views of previous generations of anatomists and physicians, but also Descartes' own ideas.

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