







Global Collaboration for Brain Health

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The role of Global Neurology

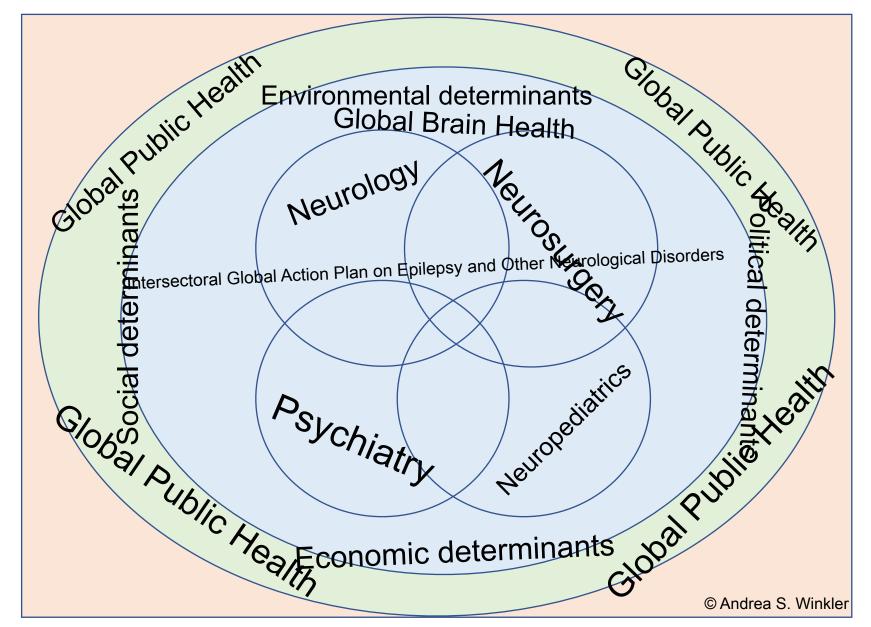








The Global Brain Health Framework







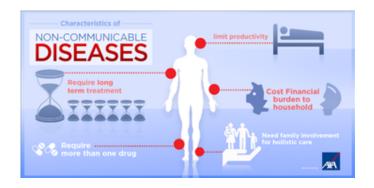


The epidemiological transition

Numbers of the WHO are staggering: "noncommunicable diseases kill 41 million people each year, equivalent to 74% of all deaths **globally** (Source: WHO, Key Facts, 2023).



Source: https://www.indushealthplus.com/ncds-noncommunicable-diseases.html





Source: https:// www.dianova.ngo/ press-reviews/noncommunicablediseases-anemerging-priorityworldwide/



Source: Courtesy Bente Mikkelsen: World Health Organisation















Neurological Conditions

RISK FACTORS

















		Central Europe,	eastern Europe, and central Asia				High–income				Latin America	and Caribbean					Southeast Asia, east Asia,	מווא סכיימווא			Sub-Saharan Africa	
	- Global	- Central Asia	- Central Europe	- Eastern Europe	- Australasia	- High-income Asia Pacific	- High-income North America	- Southern Latin America	- Western Europe	- Andean Latin America	- Caribbean	- Central Latin America	- Tropical Latin America	- North Africa and Middle East	- South Asia	- East Asia	- Oceania	- Southeast Asia	- Central sub-Saharan Africa	- Eastern sub-Saharan Africa	- Southern sub-Saharan Africa	- Western sub-Saharan Africa
Stroke –	1	1	1	1	2	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1
Neonatal encephalopathy –	2	3	10	8	10	8	9	6	9	3	2	5	5	5	2	4	4	3	2	2	2	2
Migraine –	3	2	2	2	1	3	2	2	1	2	4	3	2	2	3	3	3	2	5	6	3	4
Dementia –	4	4	3	3	3	2	3	3	3	5	5	4	3	4	5	2	5	4	3	4	5	5
Diabetic neuropathy –	5	5	4	4	5	4	4	4	4	4	3	2	4	3	6	5	2	5	6	7	4	6
Meningitis –	6	16	21	18	20	20	22	16	21	19	7	17	16	15	8	16	9	6	4	3	6	3
Epilepsy –	7	6	7	11	8	6	8	7	7	6	6	6	6	6	7	9	6	9	7	5	7	7
Preterm birth* –	8	9	9	14	7	7	6	8	8	9	8	8	8	8	4	11	7	8	10	10	9	10
Autism spectrum disorder –	9	8	6	5	4	5	5	5	5	8	9	7	9	9	11	7	10	7	9	9	8	9
Nervous system cancer –	10	7	5	6	6	11	7	9	6	7	10	9	7	7	13	6	18	11	19	13	12	21
Parkinson's disease –	11	10	11	13	12	13	10	11	11	10	11	12	11	10	12	8	11	10	11	12	11	12
Neural tube defects –	12	19	24	22	19	19	19	15	22	18	12	18	15	13	15	18	8	13	8	8	18	8
Encephalitis –	13	12	18	17	22	18	24	19	23	13	19	16	22	20	9	15	16	12	22	15	20	13
Traumatic brain injury –	14	11	8	7	13	14	14	14	14	11	14	10	10	11	14	10	12	14	15	19	15	17
Tension-type headache –	15	13	13	10	14	12	13	13	13	15	16	15	14	14	16	12	13	15	14	16	16	14
Other neurological disorders –	16	15	15	9	11	9	11	12	12	12	13	11	12	17	21	14	15	18	18	20	10	11

- In 2021 43.1% of the population suffered from neurological disorders (GBD 2024)
- Neurological disorders are the number one cause of disability and the number two cause of death globally!
- One in two people will develop one or more psychiatric disorders in their lifetime (McGrath et al. 2023).







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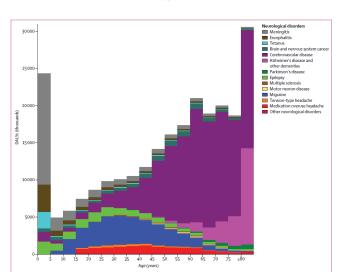
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The True Global Burden of Neurology

Disorders (Neurological and Psychiatric

Insight

Causes	Number of DALYs (both sexes and all ages) in 2017 [thousands]	Comments				
Neurological disorders as per IHME definition	111 000	As appearing in the GBD neurology category				
Additional neurological disorders	234 000	As appearing in other GBD categories				
Disorders with neurological involvement	57 000	Not appearing separately in any category GBD				
Neurological disorders total	410 000	All three neurology categories				
Psychiatric disorders without self- harm	123 000	As appearing in the GBD mental disorder category				
Self-harm	34 000	As appearing in other GBD categories				
Psychiatric disorders with self- harm	157 000	All three mental disorder category				
Mental health disorders total (=Neurological disorders + psychiatric disorders including self-harm)	559 000	Neurology and mental disorders together as mental health disorders				



An emphasis on neurology in low and middle-income countries Samuel Knauss, Dominik Stelzle, Julius Valentin Emmrich, Maria Stylianou Korsnes, James J Sejvar, Andrea Sylvia Winkler GBD GBD+ GBD++ Lower middle-income countries Upper middle-income countries High-income countries A Disability 1500000000 _ 100 000 000 B Mortality 4000000 -2000000-1000000 C Incidence 400 000 000 200 000 000 -2000 1990 2000 2010 1990 2000 2010 1990 2000 2010 Year Year Number of DALYs by disease category, excerpt, 2017 600 524,3 500 365.9 300 100 54,4 45 17,3 Mental Health Cardiovascular HIV/AIDS Tuberculosis Neglected Tropical

Figure 1: Global DALYs by age and neurological disorder in 2015

Source: Feigin et al. Lancet Neurology 2019

	Both sexes	Males	Females
Non-communicable disorders	82.8% (78.5-86.2)	81.9% (78.0-85.0)	83.6% (78.5-87.5)
Stroke	37.9% (29.9-46.1)	39.5% (31.6-47.6)	36.2% (27.0-45.6)
Headache disorders	17.5% (3.6–32.5)	14.2% (2.9–27.1)	21.0% (4.5–38.0)
Migraine	16.0% (2.5–31.1)	12.8% (2.0-25.6)	19.2% (3.0-36.4)
Tension-type headache	1.6% (0.5–5.8)	1.5% (0.4–6.1)	1.7% (0.5–5.6)
Epilepsy	11-3% (9-0-14-3)	12·1% (9·7–15·1)	10.5% (8.0–13.7)
Idiopathic epilepsy	6.4% (4.8-8.0)	6.8% (5.4-8.5)	5.9% (4.2-7.7)
Secondary epilepsy	5.0% (3.6-6.7)	5.3% (3.8-7.1)	4.6% (3.3-6.4)
Cerebral palsy	5.7% (4.2-7.7)	5.9% (4.3-7.9)	5.5% (3.9-7.6)
Alzheimer's disease and other dementias	4.6% (1.9–10.4)	4.0% (1.6–9.4)	5.2% (2.1–11.7)
Brain and CNS cancer	2.2% (1.7–2.8)	2.5% (1.7-3.3)	1.9% (1.4-2.6)
Parkinson's disease	1.8% (1.4-2.2)	2.0% (1.6-2.4)	1.6% (1.2–2.0)
Multiple sclerosis	0.2% (0.2-0.3)	0.2% (0.2-0.3)	0.3% (0.2–0.4)
Motor neuron diseases	0.1% (0.1-0.2)	0.1% (0.1-0.2)	0.1% (0.1–0.2)
Other neurological disorders*	1.3% (0.9–1.7)	1.3% (0.9–1.8)	1.3% (0.9–1.7)
Communicable disorders	11.2% (8.4–15.0)	10.7% (8.2–14.6)	11.8% (8.5–16.5)
Encephalitis	5.3% (3.7-8.9)	5.0% (3.6-9.2)	5.6% (3.8-9.3)
Meningitis	4.8% (3.7-6.1)	4.5% (3.5-5.7)	5.1% (3.7-6.6)
Tetanus	1.1% (0.7–1.8)	1.2% (0.6–2.1)	1.1% (0.6–1.8)
Injuries	6.0% (4.6-7.7)	7.4% (5.7-9.5)	4.6% (3.4-6.2)
Traumatic brain injuries	4.1% (3.0-5.4)	5.1% (3.8–6.8)	3.0% (2.1-4.1)
Spinal cord injuries	1.9% (1.5-2.5)	2.2% (1.7-2.8)	1.6% (1.2-2.2)

Data in parentheses are 95% uncertainty intervals. *Other non-communicable neurological disorders include a list of uncommon diseases, for which the International Classification of Diseases codes are shown in the appendix (pp 7–12).

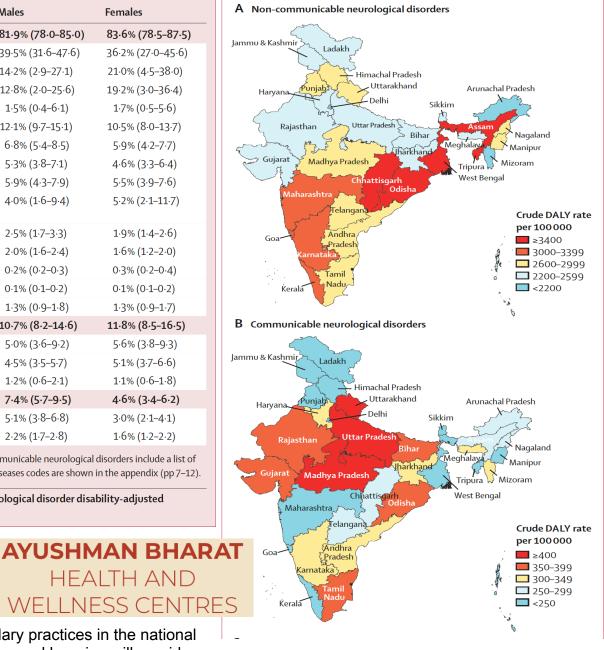
Table 1: Contribution of neurological disorders to total neurological disorder disability-adjusted life-years in India, 2019

Brain Health Initiative



HEALTH AND WELLNESS CENTRES

India is already implementing exemplary practices in the national implementation of brain health. Scaling and learning will provide important lessons for the rest of the world. It is time for India to lead on brain health implementation.



Source: India State-Level Disease Burden Initiative Neurological Disorders Collaborators, Lancet Glob Health 2021: 9: e1129-44

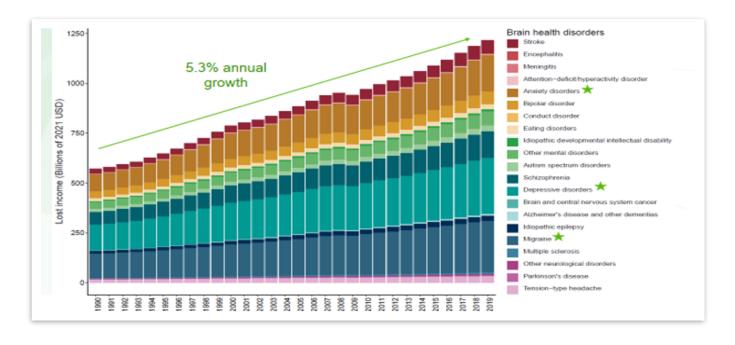


© Andrea S. Winkler pork tapeworm: https://en.biolab.cz blood donation: icon made by http://www.freepik.com







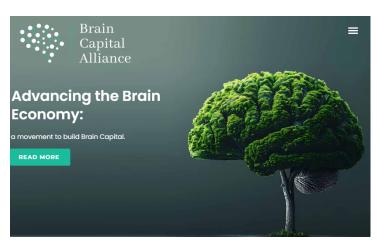


- □ \$1.2 trillion globally (in 2021 USD) was lost in income by people with brain conditions in 2019. This number has increased over time, at over 5% per year since 1990.
- This loss of income varies across the lifespan. Most lost income occurs relatively early in life, which is not always what we envision when we think about the impact of brain thealth atrics and Evaluation, Brain Health Atlas









The Yaoundé Declaration

ow Outline

Alfred K Njamnshi a,b,c,d · Agustin Ibanez e,f · Gagandeep Singh g,h,i · Mika Pyykko j · Vladimir Hachinski k · Harris A Eyre l,m,n
· et al. Show more

Affiliations & Notes ✓ Article Info ✓ Linked Articles (2) ✓



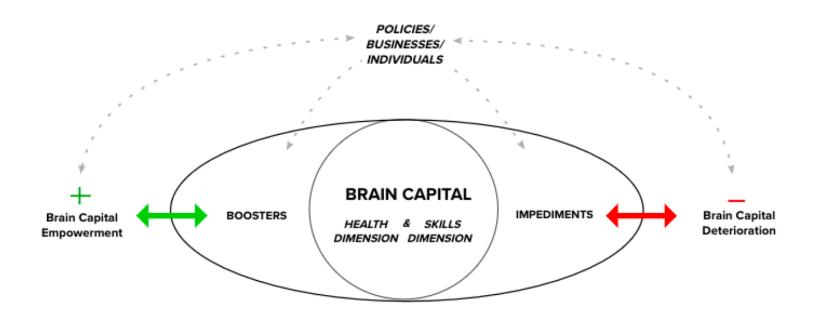
The Scientific Technical Meeting of the African High-Level Science Summit was held on World Brain Day 2024. In this Summit, we launched the *Yaoundé Declaration on Brain Economy, Brain Health & Brain Capital.* The Yaoundé Declaration marks an historic milestone in advancing global brain health and economic resilience for societal transformation. In this Declaration, we provide a detailed roadmap for the brain economy transition.







The Brain Capital Dashboard

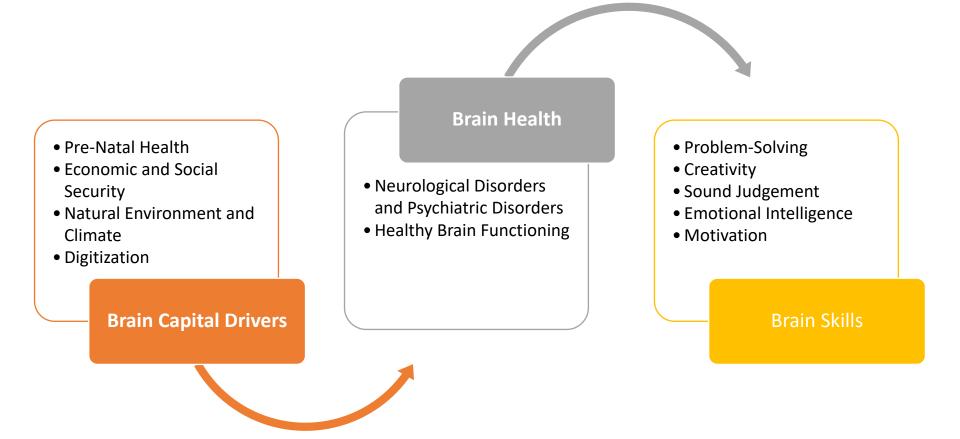








The Brain Capital Dashboard





GBHP



WEBINAR







15.66-17:66: CEGT

AFRICAN HIGH LEVEL SCIENCE SUMMIT ON

The Brain Economy, Brain Health.

& Brain Capital

79th United Nations General Assembly, NY, USA

Grand Chancellor, PRC _ President-Elect.

79th United Nations General Assembly

Dates: July 22 - 25, 2024









Pr. Rym Ayadi

Global brain health—the time to act is now

The recently published 2021 Global Burden of

Brain health transcends traditionally separate Lancet Glob Health 2024 Diseases, Injuries, and Risk Factors Study (GBD) data disciplines, including neurology, neurosurgery, mental on neurological disorders represents a comprehensive health, and neurodevelopment. However, despite analysis of 37 neurological conditions, amounting to the ever-growing socioeconomic importance of brain 52214-109X(23)00602-2

https://doi.org/10.1016/

Moa ()

Global Brain Health – Action urgently required!

A Policy Brief of the Global Health Hub Germany Community on Non-communicable Diseases

Sustainable development demands brain health

The 78th Session of the UN General Assembly that, if planned according to epidemiological trends and health system canacity in every country, could (LINICA 78) was gathering in New York City as this

Global, regional, and national burden of disorders affecting the nervous system, 1990-2021: a systematic analysis for the Global Burden of Disease Study 2021

GBD 2021 Nervous System Disorders Collaborators



oa

t brain health ne global fight n-communicable

/ 2030 and in the

COMMUNITY PAPER





The burden of neurological disorders across the states of India: the Global Burden of Disease Study 1990-2019

India State-Level Disease Burden Initiative Neurological Disorders Collaborators*

Summary

Background A systematic understanding of the burden of neurological disorders at the subnational level is not readily available for India. We present a comprehensive analysis of the disease burden and trends of neurological disorders at the state level in India.

Lancet Glob Health 2021: 9: e1129-44 **Published Online**

July 14, 2021











Pr. Zul Merali



Brain Research Africa Initiative

An International Organisation in Partnership with the African Union Commission & Member of IBI

The Yaoundé Declaration on the Brain Economy, Brain Health, and Brain Capital

With Cameroon assuming the presidency of the 79th United Nations General Assembly (UNGA79), this Declaration aims to demonstrate African leadership in brain and society innovations. Here we outline a new economic approach for African jobs, economic growth, sustainability, resilience, health and well-being. This Declaration lays out a roadmap for how Africa can leapfrog other economies by deftly deploying brain science-inspired policies and investments. The Declaration took into account prior major works outlined in Appendix 1.

nature reviews neurology

https://doi.org/10.1038/s41582-023-00808-z

Perspective

Check for updates

Global synergistic actions to improve brain health for human development

Mayowa O. Owolabi @ 1.2.3.4.56 M, Matilde Leonardi @ 7, Claudio Bassetti 8,9, Joke Jaarsma 10, Tadeusz Hawrot 10, Akintomiwa I. Makanjuola ^{© 11}, Rajinder K. Dhamija¹², Wuwei Feng¹³, Volker Straub ^{© 14}, Jennifer Camaradou^{15,16} David W. Dodick^{17,18,19}, Rosita Sunna © ^{20,21}, Bindu Menon²², Claire Wright²³, Chris Lynch²⁴, Antonella Santuccione Chadha²⁵,

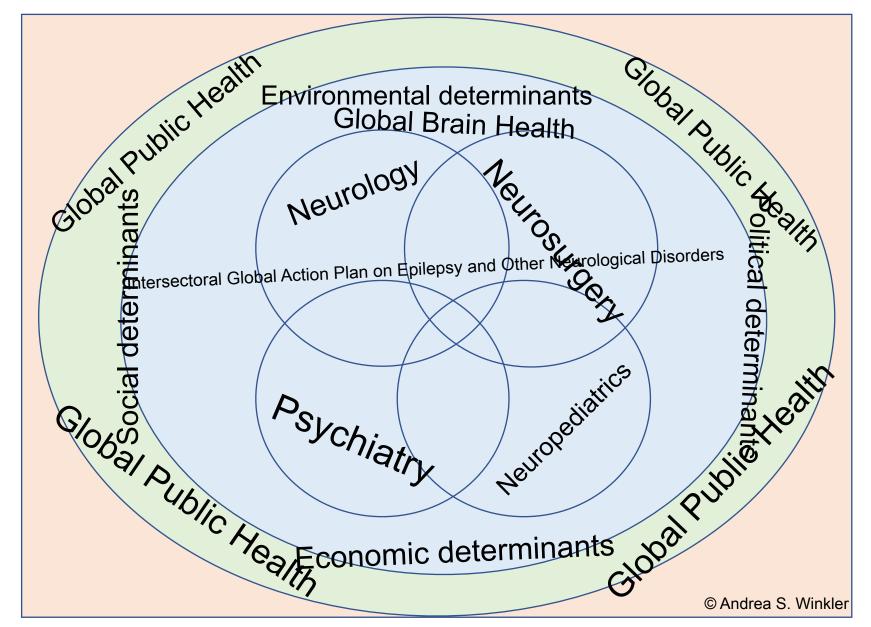








The Global Brain Health Framework

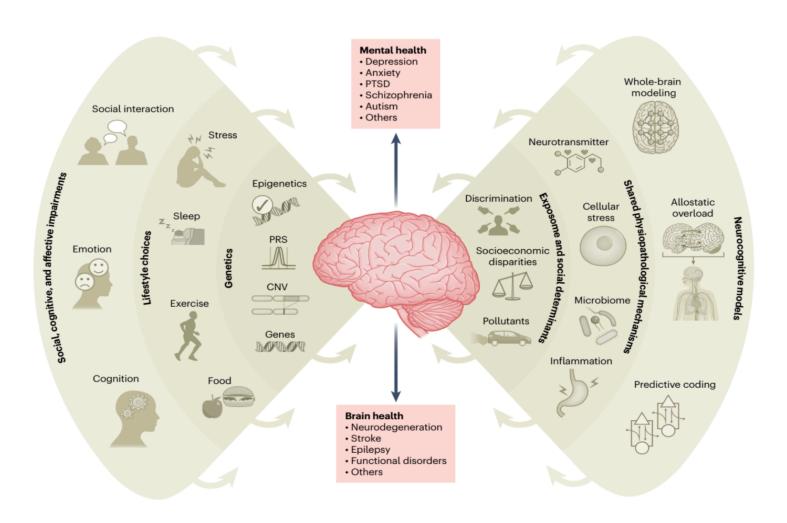








Brain Health - Interdisciplinarity









Brain Health Determinants - systemic

Table 1 | Organs and organ diseases associated with cognitive decline and dementia

Organ/system	Condition	Outcome	Ref.
Cardiovascular	Myocardial infarction	Cognitive decline	19
		Dementia	10
	Coronary artery bypass	Cognitive decline	198
	Heart failure	Cognitive decline	22
		Dementia	10
	Atrial fibrillation	Cognitive decline	199
		Dementia	200
Renal	Low eGFR	Cognitive decline	34
		Parkinson disease	35
Pulmonary	Restrictive lung disease	Cognitive decline	12
		Dementia	12
	COPD	Cognitive decline	40
		Dementia	39
	Asthma	Dementia	41
	Obstructive sleep	Dementia	13
	apnoea	Parkinson disease	
Gastrointestinal	Inflammatory bowel disease	Dementia	43
	Irritable bowel syndrome	Dementia	14
	GERD	Dementia	14
	Constipation	Parkinson disease	54
Hepatic	Liver fibrosis	Cognitive decline	15
		Dementia	63
Endocrine	Type 2 diabetes	Cognitive decline	16
		Dementia	16

Associations of selected organ disorders with prospective risk of cognitive decline and dementia, according to epidemiological studies. Note that we have omitted thyroid hormone disorders and hyperparathyroidism causing hypercalcaemia, as these are already well-recognized causes of reversible dementia for which diagnostic testing is already recommended by dementia guidelines²⁰¹. COPD, chronic obstructive pulmonary disease; eGFR, estimated glomerular filtration rate; CERD, gastro-oesophageal reflux disease.

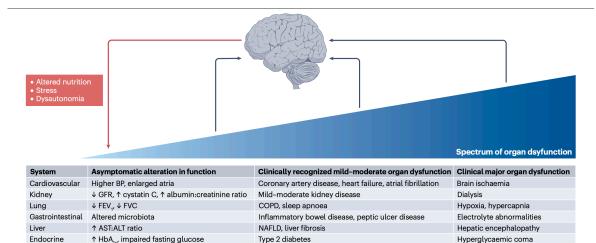


Fig. 1| Spectrum of organ dysfunction and its association with neurodegeneration and cognitive decline. Frank organ failure (far right) has long been recognized as a cause of acute encephalopathy mediated by various derangements, including hypoxia, ischaemia and metabolic abnormalities. More recent evidence shows that a spectrum of organ dysfunction, from asymptomatic alterations in functional tests to clinically recognized mild diseases, can increase the risk of later-life cognitive decline. Each of the abnormalities

shown has been linked with future risk of cognitive decline in population-based cohort studies $^{(0,1),3,1,4}$, $^{(0,2),3,4,3,4,4,3,9,43}$. In turn, brain dysfunction can induce organ dysfunction through neurohumoral mechanisms and poor self-care. ALT, alanine aminotransferase; AST, aspartate aminotransferase; BP, blood pressure; COPD, chronic obstructive pulmonary disease; FEV₁, forced expiratory volume in the first second; FVC, forced vital capacity; GFR, glomerular filtration rate; HbA_{1c}, haemoglobin A_{1c}; NAFLD, nonalcoholic fatty liver disease.



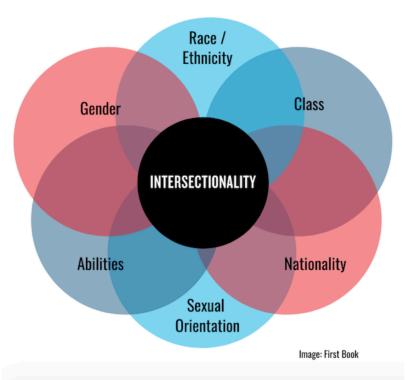




Brain Health Determinants - social

Social Determinants of Health





Social Determinants of Health

Copyright-free Healthy People 2030

Source: https://www.namidanecounty.org/blog/2022/3/30/pgsrbl96qsbg05c2ma62img929smff

Source: Healthy People 2030, U.S. Department of Health and Human Services, Office of Disease Prevention and Health Promotion. https://odphp.health.gov/healthypeople/objectives-and-data/social-determinants-health

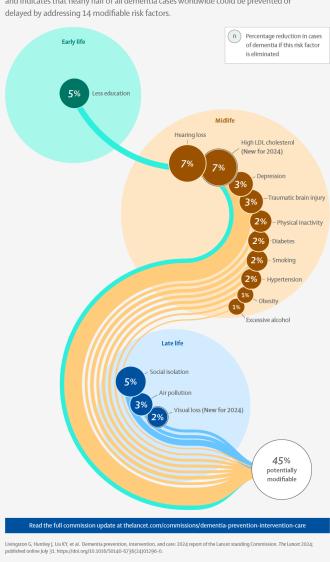




Risk factors for dementia - 2024 update

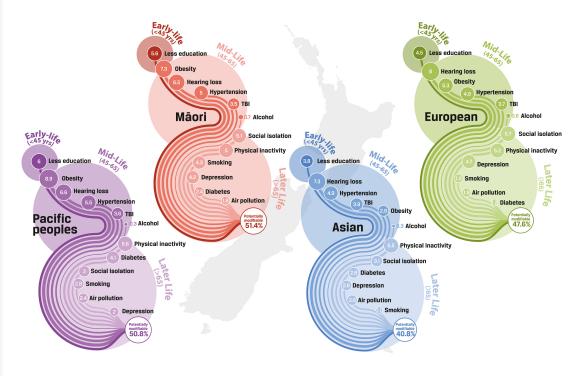
THE LANCET

The 2024 update to the standing Lancet Commission on dementia prevention, intervention, and care adds two new risk factors (high LDL cholesterol and vision loss) and indicates that nearly half of all dementia cases worldwide could be prevented or



The best science for better lives

Brain Health Determinants lifestyle



Relative population attributable fraction (PAF) contributions of each risk factor across four ethnic groups in New Zealand

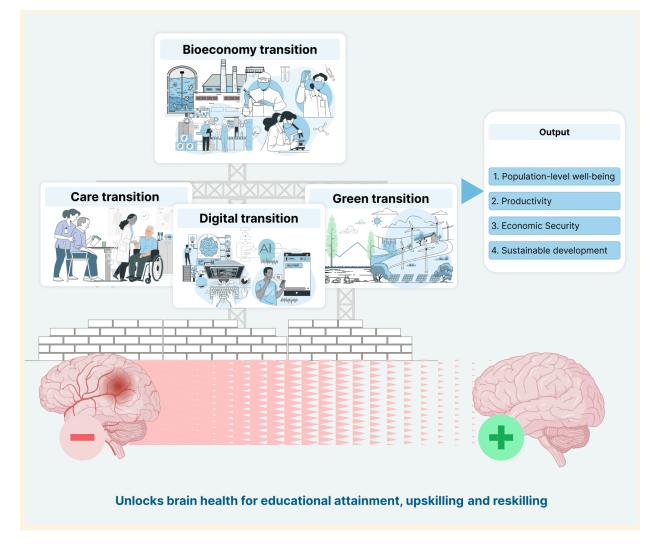
Source: https://www.thelancet.com/journals/lanwpc/article/PIIS2666-6065(21)00100-0/fulltext







Brain Health Determinants - economic

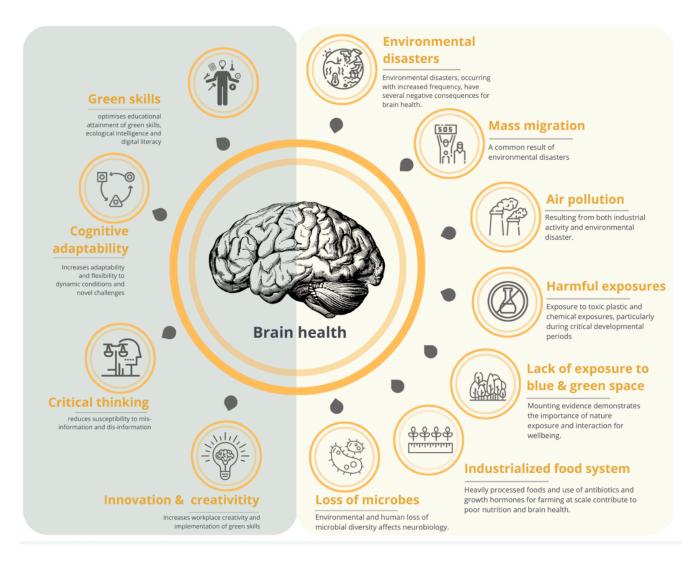








Brain Health Determinants - environmental









Brain Health Determinants - political



Which national NCD responses work best?





Whole-of-government approaches:

2/3 of health gains for NCDs can be achieved by influencing public policies in sectors like trade, taxation, education, agriculture, urban development, food and pharmaceutical production (vs. **1/3** by making changes in the health policy alone)









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Overview

Burden

WHO Response

Brain Health is an emerging and growing concept that encompasses neural development, plasticity, functioning, and recovery across the life course.

Good brain health is a state in which every individual can realize their own abilities and optimize their cognitive, emotional, psychological and behavioural functioning to cope with life situations. Numerous interconnected social and biological determinants (incl. genetics) play a role in brain development and brain health from pre-conception through the end of life. These determinants influence the way our brains develop, adapt and respond to stress and adversity, giving way to strategies for both promotion and prevention across the life course.

THE LANCET Neurology

CORRESPONDENCE | VOLUME 19, ISSUE 6, P482-484, JUNE 01, 2020

A call for a global COVID-19 Neuro Research Coalition

Andrea Sylvia Winkler 🖾 » Samuel Knauss » Erich Schmutzhard » Matilde Leonardi » Alessandro Padovani » Foad Abd-Allah » et al. Show all authors

Published: June, 2020 • DOI: https://doi.org/10.1016/S1474-4422(20)30150-2

References

Article Info

Linked Articles

Reports are emerging at a rapid pace that the severe acute respiratory syndrome coronavirus system in various ways. Preliminary data from Wuhan, China, suggest that neurological manif of patients presenting with coronavirus disease 2019 (COVID-19). Neurological features range and symptoms like headache, dizziness, reduced level of consciousness, confusion, diffuse co paraesthesia, to more specific manifestations, such as seizures, stroke, encephalitis, or menisol date, SARS-COV-2 has not been detected in the neural tissue directly, although it has been isol The hypothesis of neurotropism with subsequent neuronal injury, either directly or indirectly supported by previous findings from other infections with severe acute respiratory syndrome

Fact sheets

Data

Guidelines

THE LANCET
Neurology

Brain Health Unit Mental Health and Substance Use Department World Health Organization



 $\textbf{CORRESPONDENCE} \hspace{0.1cm} \mid \hspace{0.1cm} \textbf{VOLUME 20, ISSUE 3, P171-172, MARCH 01, 2021}$

A WHO resolution on epilepsy and other neurological disorders

Andrea Sylvia Winkler 🖾 • Matilde Leonardi • Benedict Daniel Michael • Foad Abd-Allah • William Carroll • Alla Guekht • and the Global COVID-19 Neuro Research Coalition † • Show less • Show footnotes

Published: March, 2021 • DOI: https://doi.org/10.1016/S1474-4422(21)00026-0

Supplementary

Material References The World Health Assembly, the decision-making body of WHO, passed Resolution Whother neurological disorders" on Nov 12, 2020. The resolution encourages Member Staresponse to epilepsy and other neurological disorders". This is a landmark resolution growing burden of neurological disorders, which are the leading cause of disability an worldwide 2, 3









https://www.who.int/health-topics/brain-health#tab=tab 1

World Health Organization

EXECUTIVE BOARD 150th session Provisional agenda item 7 EB150/7 11 January 2022

Political declaration of the third high-level meeting of the General Assembly on the prevention and control of noncommunicable diseases

EB150/7

World Health Organization

SEVENTY-THIRD WORLD HEALTH ASSEMBLY Agenda item 11.6

A73/A/CONF./2 9 November 2020 ANNEX 7

DRAFT INTERSECTORAL GLOBAL ACTION PLAN ON EPILEPSY AND OTHER NEUROLOGICAL DISORDERS 2022–2031

75th World Health

Assembly

May 2022

Global Actions on epilepsy and other **Executive** neurological disorders Board 150 Review and translation Final draft **Public** Intersectoral Global Action Plan on Epilepsy and
Other Neurological Disorders
2022 - 2031
Discussion paper 05/03/2021 Zero Draft Jan 2021

https://unctad.org/civil-society







Intersectoral Global Action Plan on Epilepsy and Other Neurological Disorders 2022 – 2031

Overall aim

The goal of the intersectoral global action plan on epilepsy and other neurological disorders 2022–2031 is to reduce the **stigma**, **impact and burden of neurological disorders**, including their associated mortality, morbidity and disability, and to improve the **quality of life** of people with neurological disorders, their **carers and families**.

In order to achieve the vision and goal defined above, the **prevention**, **treatment** and care of epilepsy and other neurological disorders should be strengthened, wherever possible, utilizing **entry points** and **synergies** to achieve the best results for all.









Intersectoral Global Action Plan on Epilepsy and Other Neurological Disorders 2022 – 2031

Main objectives

- ✓ Raise policy prioritization and strengthen governance
- ✓ Provide effective, timely and responsive diagnosis, treatment and care
- ✓ Foster research and innovation and information systems
- ✓ Implement strategies for promotion and prevention
- ✓ Strengthen the **public health approach** to epilepsy









Intersectoral Global Action Plan on Epilepsy and Other Neurological Disorders 2022 – 2031

Guiding Principles

- ✓ **People-centered** primary healthcare and universal health coverage
- ✓ **Integrated** approach to care
- ✓ Evidence-based practice
- ✓ **Life-course** approach
- **✓ Intersectoral** action
- ✓ **Empowerment** of persons with neurological disorders
- ✓ Gender, **equity** and human rights







THE LANCET Neurology









About



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SONA

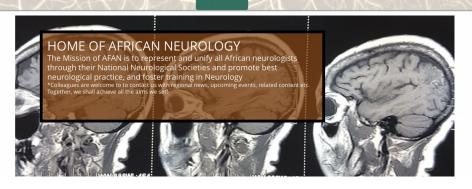
SONA is The Society of Neuroscientists of Africa.

- It is a non-profit organisation registered in Nairobi, Kenya in 1993
- Functions as the umbrella organisation for the regional and national neuroscience societies and groups in Africa
- A member society of the International Brain Research Organization (IBRO)
- Aim is to promote research, teaching and advocacy in Neuroscience in Africa and hold an International
 conference every two years.

African Academy of Neurology

me

Contact











BE International Bureau for Epilepsy

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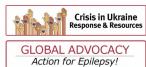




Welcome to the International League Against Epilepsy

The world's preeminent association of health care professionals and scientists working toward a world where no person's life is limited by epilepsy







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IBE in Africa

There are approximately 10 million people living with epilepsy in Africa where epilepsy is greatly misunderstood, deeply stigmatized, dramatically underfunded and most often ignored by the health care system. Over 75% of people in Africa with epilepsy live in rural and semi-urban areas where treatment is nearly non-existent. Knowing that there are affordable drugs and effective, low-cost programs, it is especially egregious that people with epilepsy in Africa continue to suffer.

In 2015, the World Health Organization (WHO) General Assembly passed a landmark epilepsy resolution known as WHA68.20: Global burden of epilepsy and the need for coordinated action at the country level to address its health, social and public knowledge implications. This resolution is tremendously important in that it calls on all member countries to address epilepsy seriously by developing and implementing national plans of action. Despite this global declaration, none of the countries in Africa has developed an epilepsy national plan. There has been no political response nor has there been any financial investments in programs that could reduce the epilepsy treatment and











The Global Brain Health Partnership

Overarching aim: To support countries in advancing their brain health agenda through the community of practice that is represented by *The Global Brain Health Partnership* using a systematic scientific approach.

Burden mapping

Resource mapping

THE GLOBAL BRAIN HEALTH PARTNERSHIP

Promotion of brain health

Prevention of disorders

Policy mapping

Management of disorders

Needs assessment

Brain health policies

Envisioned outcomes (*work in progress*):

Leverage science and academia through the *The Global Brain Health Partnership* to:

- establish an equitable community of practice platform for open scientific exchange.
- contextualize implementation of brain health interventions accompanied by implementation science.
- support prioritization of brain health at the country level and provide a platform for sharing good practices and amplifying country voices.











Who we are and what we represent:

- an interdisciplinary and multinational community of practice (scholars and clinicians from the fields of neurology, neurosurgery, and psychiatry, public health, as well as the broader social sciences, health policy, systems research, and health literacy)
- different sectors, including medicine and health, economy and education
- a diverse range of professions: physicians, residents, public health experts, nurses, and academics
- from the following regions: Africa, South-East Asia, South Asia, Latin America, Europe, and the US.

Our shared trait is that we are engaged and invested in evidence-based implementation of brain health to impact people, communities, and economies.

