

# **Decades of Harmful Lyme Propaganda Revealed & Overturned in ICD11**

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**International Classification of Diseases  
(ICD) codes are developed by the**

**World Health Organization  
(WHO)**

**193 countries  
shape & use ICD  
ICD10 → ICD11**



**ICD codes are developed by WHO**

**With accurate codes robust data can guide**

- **medical & public health**
- **research & policy**
- **& save healthcare expenses**

**Lyme ICD codes unchanged since 1990s**

**25 years of outdated codes**

# ICD codes

**Several highly unusual & rare conditions  
currently have their own ICD codes**

**W61.62XD**

**Struck by duck**

**W55.1**

**Bitten by a cow**

**V91.07**

**Burn due to water skis on fire**

**R46.1**

**Bizarre personal appearance**

***What gets in?***



# **R46.1 Bizarre personal appearance**



**ICD10 prevents proper diagnosis & treatment of Borreliosis, e.g. Lyme & Lyme-like illness**

**Almost all UN member countries have ratified health human rights, *yet many Lyme patients are desperately marginalized & suffer gross human rights abuse by the hands of state actors***

**ICD10 mirrors Lyme opinions of the Infectious Diseases Society of America (IDSA) and CDC**

**Lyme ICD10 codes support 14 human rights violations across 11 Human rights treatises**

**In October 2017, the UN Special Rapporteur for 'the right of everyone to the enjoyment of the highest attainable standard of physical & mental health' gave his annual report.**

**This report focused on corruption & assessed the healthcare sector against other sectors.**

***Globally, the health sector is the most corrupt sector.***

***—Dainius Pūras  
Special Rapporteur***

**Lyme is one example.**





1990s-2007

202 patents on Lyme borrelioses were accumulated by those IDSA members associated with the IDSA Lyme guidelines development & their affiliates in government & other private entities

Roughly 10 percent of these 202 patents were disclosed during the guideline development

IDSA Members and Organizations Associated with IDSA  
Holding LB-Related Patents in 2007 [69]

- |   |   |
|---|---|
| <ol style="list-style-type: none"><li>1. *Raymond J. Dattwyler [US &amp; foreign patents]</li><li>2. *Stephen Dumler [US Patents]</li><li>3. Alan Barbour [US &amp; foreign patents]</li><li>4. Stanley Stein and Hoffman-Laroche</li><li>5. Ira Schwartz &amp; New York Medical College (NYMC)</li><li>6. Avant Immunotherapeutics</li><li>7. Aventis Pasteur</li><li>8. Baxter → Susan O'Connell, IDSA promoter worked for Baxter</li><li>9. Becton-Dickinson</li><li>10. Boston Medical Center Corp.</li><li>11. Biomerieux</li><li>12. Cambridge Biotech</li><li>13. CDC</li><li>14. Columbia University</li><li>15. Immunetics</li><li>16. Johns Hopkins University</li><li>17. Mayo Clinic</li><li>18. Medimmune and Aventis, Medimmune</li><li>20. University of Minnesota</li></ol> | <ol style="list-style-type: none"><li>21. NIH/National Institute of Allergies and Infectious Diseases (NIAID)</li><li>22. NYMC</li><li>23. Pasteur Merieux/Connaught</li><li>24. Rx Technologies</li><li>25. SmithKline Beecham (under GlaxoSmith Kline) → Danish Dr. Court Pedersen advises the Danish government and medical practitioners on LB and is supported by GlaxoSmithKline</li><li>26. State of Rhode Island</li><li>27. Stony Brook University (SUNY)</li><li>28. Texas A&amp;M University</li><li>29. Tufts New England Medical Center</li><li>30. Tufts US patents with Paratech and GlaxoSmithKline</li><li>31. Tulane University</li><li>32. University of California</li><li>33. University of Connecticut</li><li>34. US Army/US DHHS</li><li>35. Vical Inc.</li><li>36. Viro Dynamics</li><li>37. Yale University &amp; Yale's Office of Cooperative Research Patents</li></ol> |
|---|---|

\*co-authors undisclosed COIs during the 2006 IDSA Lyme Guidelines development



One of hundreds  
of examples of  
IDSA & affiliates'

private Lyme  
science

VS

publicized Lyme  
guidelines

## Patents Do Not Lie

2007 Lyme Patent Language from IDSA Lyme  
Guideline co-author Raymond J. Dattwyler [et al]  
in filed patent No. 7605248 Recombinant  
constructs of *Borrelia burgdorferi* [70]

The language in this patent states:

"Currently, Lyme Disease is treated with a range  
of antibiotics, e.g., tetracyclines, penicillin and  
cephalosporins. However, such treatment is not  
always successful in clearing the infection."

Treatment is often delayed due to improper  
diagnosis with the deleterious effect that the  
infection proceeds to a chronic condition.

"One of the factors contributing to delayed  
treatment is the lack of effective diagnostic  
tools."

Versus

The 2006 IDSA Lyme  
Guidelines claim:

LB is 'easily treated,  
easily cured'

LB infection is easily  
cleared with antibiotics

Two-tier testing process  
should be utilized, and  
for those patients who  
test negative in the  
ELISA model, that "no  
further testing" is  
necessary.

## Susan O'Connell:

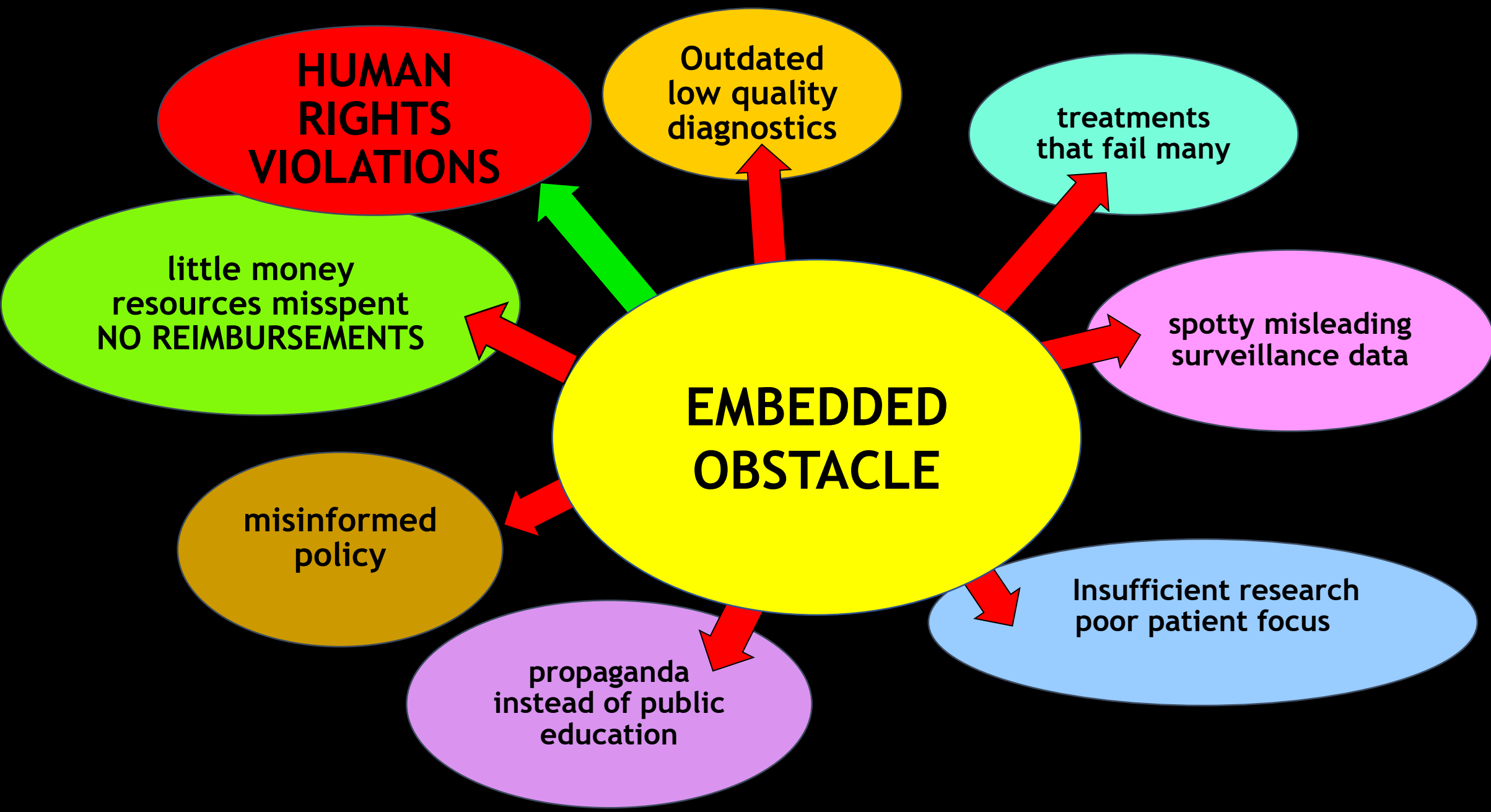
- IDSA promoter
- Guidelines contributor
- Reported doctors

After her lab  
was shut down—  
*bonus & job*



Lyme Lyme  
it's a crime  
the docs  
who treat  
I will find!  
Lyme Lyme  
it's up to me  
so don't  
get sick or  
you will see!

Skidmore





# **ICD10 supports human rights violations across 11 treaties**

- **African Charter on Human & Peoples' Rights**
- **Convention Against Torture**
- **European Convention for the Prevention of Torture & Inhuman or Degrading Treatment or Punishment**
- **Convention on the Elimination of All Forms of Discrimination against Women**
- **Convention on the Rights of the Child**
- **Convention on the Rights of Persons with Disabilities**
- **European Convention on the Protection of Human Rights & Fundamental Freedoms**
- **European Social Charter**
- **International Covenant on Civil & Political Rights**
- **International Covenant on Economic, Social, & Cultural Rights (ICESCR)**
- **International Convention on the Elimination of All Forms of Racial Discrimination (ICERD)**

## **1. Right to highest attainable standard of health**

- **authorities allow insurers & state programs for low income families to deny medical care**
- **policies result in obstruction to necessary medical care for those with insufficient economic resources to pay out-of-pocket for their medical care.**
- **patients limited to programs for low income families are given inferior care**

## **2. Right to life**

- **Due to outdated and politicized State Lyme policies, disability, bankruptcy and suicide result for many Lyme patients.**
- **Threats of loss of license and livelihood against doctors who treat Lyme patients according to protocols that have met internationally accepted standards results in many doctors turning away Lyme patients, leading to patient suicides and death.**

### **3. Right to freedom from torture & cruel, inhuman & degrading treatment**

**State policies restricting antibiotic access for the bacterial infection caused by Lyme cause patients suffering from Lyme & co-infections to suffer unnecessary pain, disability, bankruptcy, & death**

***Patients are offered euthanasia and sick children are seized from their homes.***

**State Actors cause doctors mental & emotional anguish when they are forced to abandon patients or barred from applying clinical practice guidelines that have been vetted through internationally accepted standards**



# unconscionable removal of children under medical care



## 4. Right to participation in public policy

State funds & their partners disseminate articles that recommend Lyme patients & their human rights defenders be excluded from participating in Lyme-related policies.

Participation in Lyme-related public policy by Lyme patients & their human rights defenders is '**empty theater**' with no evidence of political commitment to change status quo & prioritize patient care.

State colludes for wrongful financial incentives to drive **preplanned outcome** to suppress science & maintain status quo to deny breadth & seriousness of the epidemic, deny treatment based on clinical diagnosis & obstruct access to treatment options that meet internationally accepted standards.

# Bogus Lyme policy making





## **5. Right to bodily integrity**

**Practitioners fail to obtain free and informed consent from patients before treatments begin.**

## **6. Right to liberty and security of person**

**Lyme patients are forced into psychiatric care for wrongful diagnosis of psychosomatic illness and denied medical care for persistent infection**

## **7. Right to privacy and confidentiality**

**Lyme patient medical information is shared without their consent to State authorities who are harassing their doctors (human rights defenders) for providing Lyme patients treatment options that meet internationally accepted standards**

## **8. Right to information**

**The State fails to provide information regarding the risk of disability and death from undiagnosed and undertreated Lyme**

**The State routinely misinforms the public regarding the reliability of the diagnostic serology tests and increases their risk from disability and death from undiagnosed Lyme.**

**Practitioners fail to provide Lyme patients with information about treatment options and the potential risks and benefits of these options.**

## **9. Right to nondiscrimination & equality**

**Medical practitioners, hospitals & policymakers are encouraged to claim Lyme patients have psychosomatic issues rather than biological illness & to obstruct access to medical care for infection & other complications.**

## **10. Right to decent working conditions**

**Clinical practice guidelines of a professional medical society that have been vetted through internationally accepted standards & its members are defamed, harassed & threatened by members & State actors who belong to a competing medical society & their affiliates**

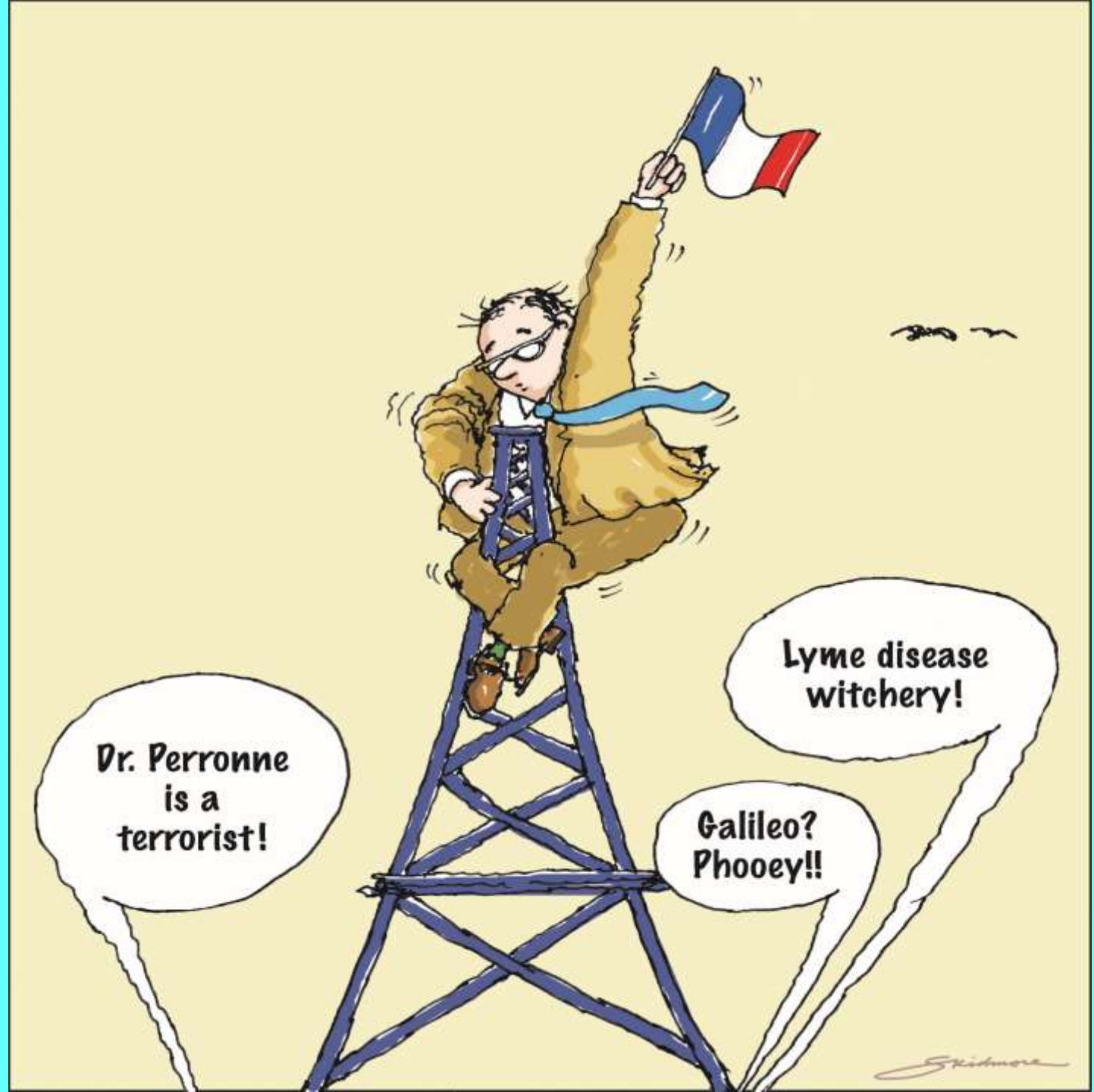
## **11. Right to freedom of association**

**Authorities use penalties to prevent practitioners who use guidelines that have been vetted through internationally accepted standards to travel to conferences**

**Authorities prevent scientists from providing presentations who promote diagnostics tests that compete with the authorities (& their partners) patented tests**



# Defamation & threats to livelihoods



## **12. Right to due process**

**Practitioner facing disciplinary proceedings is unable to obtain access to all the evidence presented against him/her in advance of the hearing.**

**A doctor in medical judgment suit has been put on strict limitations & not given a 'hearing' date two years after the commencement of the proceedings**

## **13. Right to science**

**Article 27–State actors and private interests deny or interfere with the “right freely to participate in .. and to share in scientific advancement and its benefits” and “the right to the protection of the moral and material interests resulting from any scientific, literary or artistic production of which he is the author”.**

## **14. Right to a remedy**

**The State takes no action to address any of the violations previously described.**

# Updating the Codes

**Our report includes 100s of peer-reviewed studies describing missing or under-elaborated conditions**

**Congenital Lyme disease, persistent infection, Borrelial lymphocytoma, Granuloma annulare, morphea, localized scleroderma, lichen sclerosis & atrophicus, Lyme meningitis, Lyme nephritis, Lyme hepatitis, Lyme myositis, Lyme aortic aneurysm, coronary artery aneurysm, late Lyme endocarditis, Lyme carditis, Late Lyme neuritis or neuropathy, Meningovascular & Neuroborreliosis – with cerebral infarcts, Intracranial aneurysm, Lyme Parkinsonism, Late Lyme meningoencephalitis or meningomyelo-encephalitis, Atrophic form of Lyme meningoencephalitis with dementia & subacute presenile dementia, Neuropsychiatric manifestations, late Lyme disease of liver & other viscera, late Lyme disease of kidney & ureter, late Lyme disease of Bronchus & lung & Latent Lyme disease, unspecified.**

**WHO released the draft ICD11  
June 2018**

**Lyme in ICD11 does not resemble  
an infection that is 'easy to  
diagnose, treat & cure'**



# The New Global Face of Lyme

ICD10 Codes		ICD11 Codes	
A69.2	Lyme Disease	1C1G	Lyme borreliosis
M01.2	Arthritis due to Lyme	1C1G.0	Early cutaneous Lyme borreliosis
G01	Meningitis due to Lyme	1C1G.1	Disseminated Lyme borreliosis
G63.0	Polyneuropathy due to Lyme	1C1G.10	Lyme Neuroborreliosis
		1C1G.11	Lyme Carditis
		1C1G.12	Ophthalmic Lyme borreliosis
		1C1G.13	Lyme arthritis
		1C1G.14	Late cutaneous Lyme borreliosis
		1C1G.1Y	Other specified disseminated Lyme borreliosis
		1C1G.1Z	Disseminated Lyme borreliosis, unspecified
		1C1G.2	Congenital Lyme borreliosis
		1C1GY	Other specified Lyme borreliosis
		6D85.Y	Dementia due to Lyme Disease
		9C20.1	Infectious panuveitis in Lyme disease
		9B66.1	Infectious intermediate uveitis in Lyme disease
		8A45.0Y	Central Nervous System demyelination due to Lyme borreliosis

How are the  
Lyme symptoms  
today?

...I'd like the  
old ones back!



# Updating the Codes

ICD11 now recognizes **fifteen complications** from Lyme borreliosis whereas the ICD10 recognized **three complications** from the disease.

Fourteen of the fifteen codes can apply for late stage & **chronic forms** of the illness.

*Of the fifteen new codes, six describe infection in the central nervous system.* ICD11 confirms Lyme has affinity for 'immune privileged sites' such as the central nervous system.

**Five of the fifteen codes identify complications documented as **life threatening** including**

- **Lyme Neuroborreliosis**
- **Lyme Carditis**
- **Congenital Lyme borreliosis**
- **Dementia due to Lyme Disease**
- **Central Nervous System demyelination due to Lyme borreliosis**

**ICD11 codes for Lyme now describe a disease that may cause severe & **potentially fatal** central nervous system complications & can be **passed from mother to child**.**



Peer-reviewed scientific & medical publications were entered into WHO record with our recommendations for these codes—*these publications & the science they represent have been validated by WHO*

Many of these publications had been rejected or suppressed by NICE, CDC, NIH, IDSA and IDSA affiliates.

# EXAMPLE of Validated SCIENCE

TABLE 1 Congenital Lyme

Congenital Lyme disease	References
<i>Borrelia burgdorferi</i> can potentially infect the fetus and cause adverse fetal outcomes **	<p>Bale JF, Murph JR. Congenital infections and the nervous system. <i>Pediatric Clinics of North America</i>. 1992;39(4):669-690. doi:10.1016/s0031-3955(16)38370-5. <a href="#">[PubMed]</a></p> <p>Brzostek T. [Human granulocytic ehrlichiosis co-incident with Lyme borreliosis in pregnant woman--a case study] [in Polish] <i>Przegl Epidemiol</i>. 2004;58(2):289-94. <a href="#">[PubMed]</a></p> <p>Gardner T. Lyme disease. In: Remington JS, Klein JO, eds. <i>Infectious Diseases of the Fetus and Newborn</i>. 5th ed. Philadelphia: Saunders; 1995:447-528chap 11.</p> <p>Gardner T. Lyme disease. In: Remington JS, Klein JO. <i>Infectious diseases of the fetus and newborn infant</i>. 4th ed. Philadelphia: W B Saunders Co; December 13, 1994.</p> <p>Goldenberg RL, Thompson C. The infectious origins of stillbirth. <i>American Journal of Obstetrics and Gynecology</i>. 2003;189(3):861-873. doi:10.1067/s0002-9378(03)00470-8. <a href="#">[PubMed]</a></p> <p>Gustafson JM, Burgess EC, Wachal MD, Steinberg H. Intrauterine transmission of <i>Borrelia burgdorferi</i> in dogs. <i>American Journal of Veterinary Research</i>. 1993;54(6):882-890. <a href="#">[PubMed]</a></p>

## Congenital Lyme disease

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- Maraspin V, Cimperman J, Lotric-Furlan S, Pleterski-Rigler D, Strle F. Erythema migrans in pregnancy. *Wiener klinische Wochenschrift*. 2000;111:933-40. [\[PubMed\]](#)
- Markowitz LE, Steere AC, Benach JL, Slade JD, Broome CV. Lyme disease during pregnancy. *JAMA: The Journal of the American Medical Association*. 1986;255(24):3394. doi:10.1001/jama.1986.03370240064038. [PubMed](#)
- Schlesinger PA, Duray PH, Burke BA, Steere AC, Stillman MT. Maternal-fetal transmission of the Lyme disease Spirochete, *Borrelia burgdorferi*. *Annals of Internal Medicine*. 1985;103(1):67. doi:10.7326/0003-4819-103-1-67. [\[PubMed\]](#)
- Silver RM, Yang L, Daynes RA, Branch WD, Salafia CM, Weis JJ. Fetal outcome in Murine Lyme disease. *Infection and Immunity*. 1995;63(1):66-72. [\[PubMed\]](#)
- Strobino BA, Williams CL, Abid S, Ghalson R, Spierling P. Lyme disease and pregnancy outcome: A prospective s of two thousand prenatal patients. *American Journal of Obstetrics and Gynecology*. 1993;169(2):367-374. doi:10.1016/0002-9378(93)90088-z. [\[PubMed\]](#)
- Weber K, Bratzke H-J, Neubert U, Wilske B, Duray PH. *Borrelia burgdorferi* in a newborn despite oral penicillin for Lyme borreliosis during pregnancy. *The Pediatric Infectious Disease Journal*. 1988;7(4):286-288. doi:10.1097/00006454-198804000-00010. [\[PubMed\]](#)

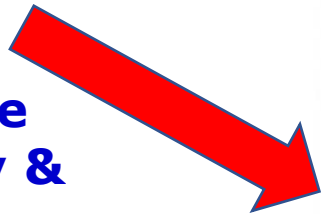
**Many of the new codes describe late stage & systemic complications**

- **demonstrating the infection is not easy to diagnose**
- **indicating widespread treatment failure following the standard short-term antibiotics**
- **underscoring the unreliability of the recommended serology diagnostic technologies**
- **Descriptor codes can be added to primary codes**

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**Example of  
Descriptor codes**  
liver & other  
viscera, late Lyme  
disease of kidney &  
ureter, late Lyme  
disease of Bronchus  
& lung & Latent  
Lyme disease,  
unspecified



# Post Treatment Lyme Disease Syndrome

CDC's website, 'patients who have symptoms like fatigue, pain & joint & muscle aches after the treatment of Lyme disease have post treatment Lyme disease syndrome (PTLDS) or post Lyme disease syndrome (PLDS)'.

**Guess what?**

**Neither PTLDS or PLDS is recognized in ICD 11, *nor were they recognized in the previous versions of the ICD.***



**Why won't you find PTLDS in the ICD 11?**  
***Because this syndrome has never been validated.***

**Furthermore, the basis for this syndrome is a psychosomatic condition —MUS— that has been repudiated by the American Psychiatric Association & deleted from the DSM-5 guidance**

**To date, the terms PTLDS & PLDS are routinely used to deny the epidemic & the medical care of those living with persistent & complicated cases.**

# WHO ICD Code Process

**Implementation of ICD11 is set to begin following endorsement at the 72nd World Health Assembly in May 2019.**

**Rollout will begin immediately, however, member states have until January 1, 2022 to have fully operational ICD11 in place.**

**ICD11 represents a multiyear & multi-stakeholder process.**

**Stakeholders engagement included both government & civil society. Government officials from medical, scientific, financial & military agencies, scientific & medical experts from academia & private sector, a wide range of healthcare providers & healthcare practitioners, patient groups, family caregivers, & the insurance & pharmaceutical industries were all represented through multiple stakeholder events.**

# WHO ICD Code Process

**The ICD11 revision includes:**

- **10,000 suggested revisions**
- **multiple expert group reviews across the globe**
- **31 countries undertook test implementation**

**ICD 11 is the first version that will have the capacity for continuous updating**

**These new processes are being determined**

**Governments & medical societies across the globe were part of the ICD11 process.**

**Representatives from these bodies who dismiss the validated science of ICD11 Lyme codes will appear *foolish, unprofessional & corrupt.***

**WHO's powerful validation can be used today to overturn corrupt policies & practices that deny valid diagnostics & treatment options for Lyme patients**

# Prevention

**Dementia, Alzheimer's & neurodegenerative diseases such as multiple sclerosis, Parkinson's & ALS are skyrocketing & there are 'no cures'.**

***Really? Are you sure about that?***

**WHO's ICD11 officially recognizes '6D85.Y Dementia due to Lyme Disease' & '8A45.0Y Central Nervous System demyelination due to Lyme borreliosis'.**



## **Now 'Prevention of Dementia, Alzheimer's & other Neurodegenerative diseases' requires new public health policies:**

- **No barriers to Lyme diagnosis are permitted for any person diagnosed with Dementia, Alzheimer's, multiple sclerosis, ALS, or Parkinson's Disease**
- **Unreliable Lyme serology tests means that persons suffering from these illnesses should be given the option of Lyme empirical therapy**
- **No barriers to Lyme treatment options are permitted for any person diagnosed with Lyme-related Dementia & Alzheimer's, multiple sclerosis, ALS, or Parkinson's Disease**
- **Clinical diagnosis of Lyme & access to treatment options that meet internationally validated standards can stop or slow Lyme-related Dementia & Alzheimer's, multiple sclerosis, ALS, or Parkinson's Disease**

# **Prevention of Lyme focuses on Ticks**

## **NO LONGER**

**WHO's ICD11 code '1C1G.2 Congenital Lyme' recognizes Lyme can be transmitted from mother to child. Now 'Prevention of Lyme' requires new public health policies:**

- No barriers to Lyme diagnosis are permitted for women planning pregnancy & pregnant women**
- No barriers to Lyme treatment options are permitted for women planning pregnancy & pregnant women**
- Clinical diagnosis of Lyme & access to treatment options that meet internationally validated standards increase the chances for healthy babies, mothers & children**

# ICD11

