

Healthy Cities & Public Spaces

UIA Year of Design for Health

Special Webinar Series



Webinar - April 25, 2022

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2022 Webinars



WEBINAR SERIES 2022: UIA YEAR OF DESIGN FOR HEALTH



Healthy Cities & Public Spaces
Monday 25 April at 14:00 (Paris time)



Health Facility Design & Planning
Monday 20 June at 14:00 (Paris time)



**World Architecture Day:
Architecture for well-being**
Monday 3 October at 14:00 (Paris time)



**Design for Health with Emerging
Technologies**
Monday 21 November at 14:00 (Paris time)

Register: <https://qrco.de/bcrT57>



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● Webinar - April 25, 2022

**Design for
Health**

Design that *Protects* Health



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**Design for
Health**

Design that
Develops
Health



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**Design for
Health**

Design that *Restores* Health



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**Design for
Health**

Every *Project*



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**Design for
Health**

Every

Professional



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**Design for
Health**

Every *Practice*



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**Design for
Health**

Every *Person*

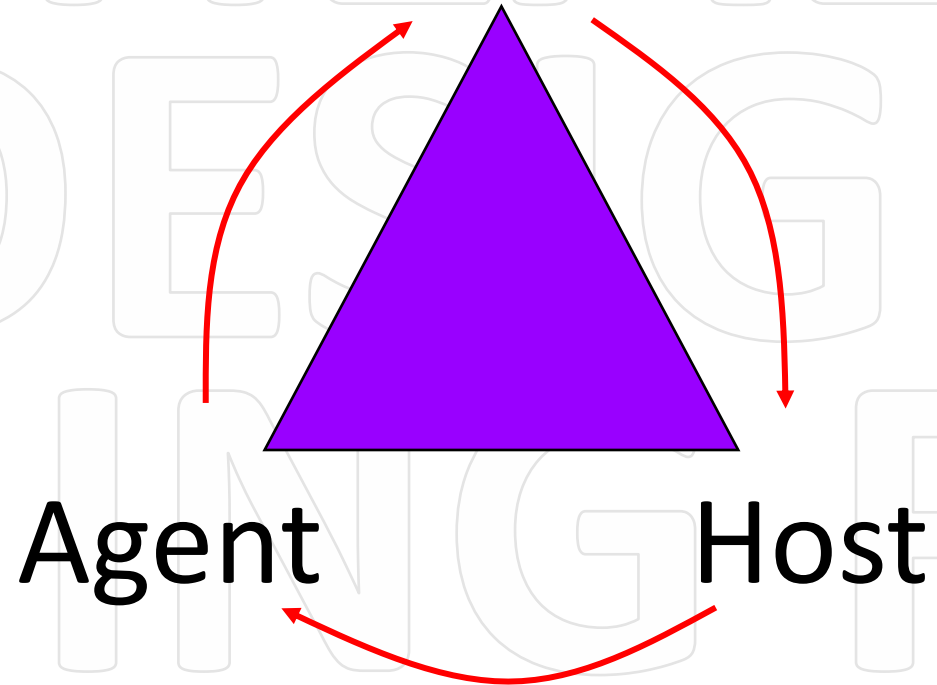


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Design for Health

GOAL: Breaking the Triangle Blocks the Spread of Communicable Disease

Environment



Epidemiological Triangle

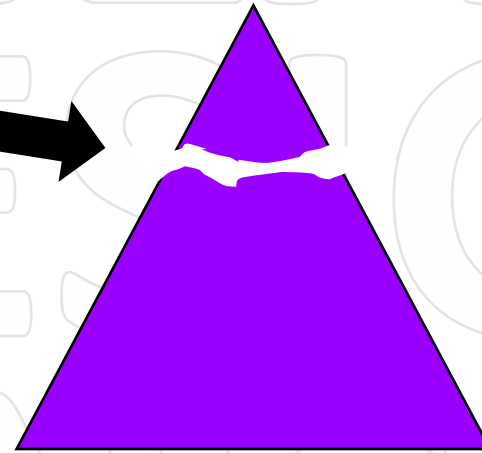
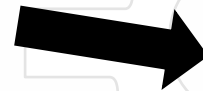


Design for Health

Protect Health: Break the Triangle

HEPA Filters w/
UV Radiation
6' Separation

Environment



Agent

Host

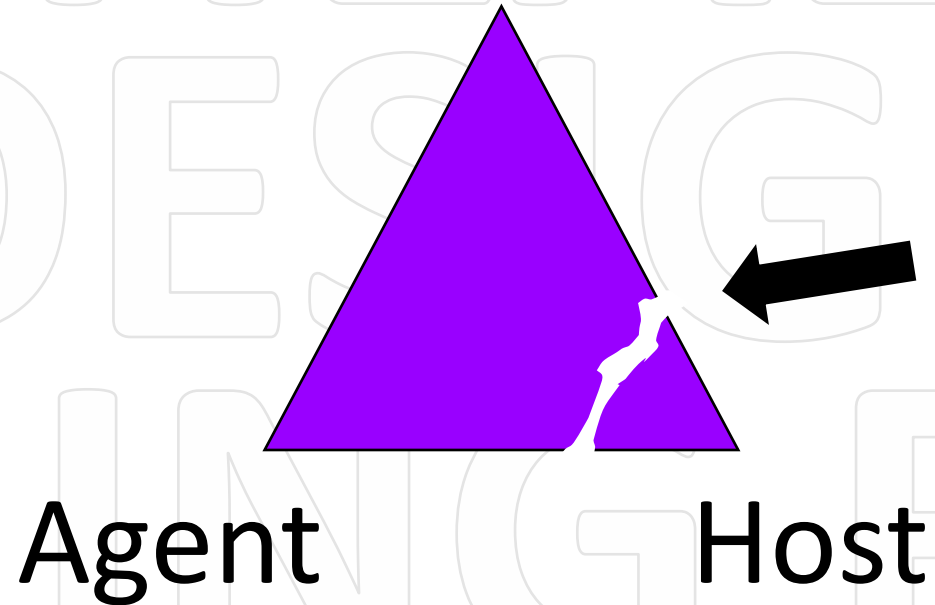
Epidemiological Triangle



Design for Health

Protect Health: Break the Triangle

Environment



Face Masks
Vaccinations

Epidemiological Triangle



**Design for
Health**

Not just

COVID-19



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**Design for
Health**

...but also

Next Crisis

The next resurgence will occur in ...

The next variant will be ...

The next new Agent will be ...

The symptomatology will be ...



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**Design for
Health**

Not just

Mortality



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Design for Health

...but also

Morbidity

Cases	509,468,125	100.00 %
Deaths	6,242,888	1.23 %
Recovered	462,007,942	90.68 %
Active	41,217,295	8.09 %

Statistics provided by Worldometer for April 25, 2022



**Design for
Health**

Not just

Today



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**Design for
Health**

...but also

Tomorrow

“Long COVID” hits nearly 50% of survivors. ⁽¹⁾

Can be a disability under U.S. ADA.

Top 2 symptoms: 1) Fatigue, 2) Memory Loss

1) Chen, Chen et al, (16 April 2022) Global Prevalence of Post COVID-19 Condition or Long COVID: A Meta-Analysis and Systematic Review, *The Journal of Infectious Diseases*, 2022; jiac136, <https://doi.org/10.1093/infdis/jiac136>



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Design for Health

Research Tools/ Approaches

1) For blocking the spread of disease

Consider using before/ after data (pre/ post) to see if the intervention breaks the triangle and slows the spread of disease. (Be ready for the next pandemic)

2) For accommodating “Long COVID”

Consider tracking design for its ability to respond to individuals suffering long-term effects of COVID.

Survey the effectiveness of design to accommodate familiar and “new” disabilities linked to COVID.



Design for Health

Thank you! Questions?

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