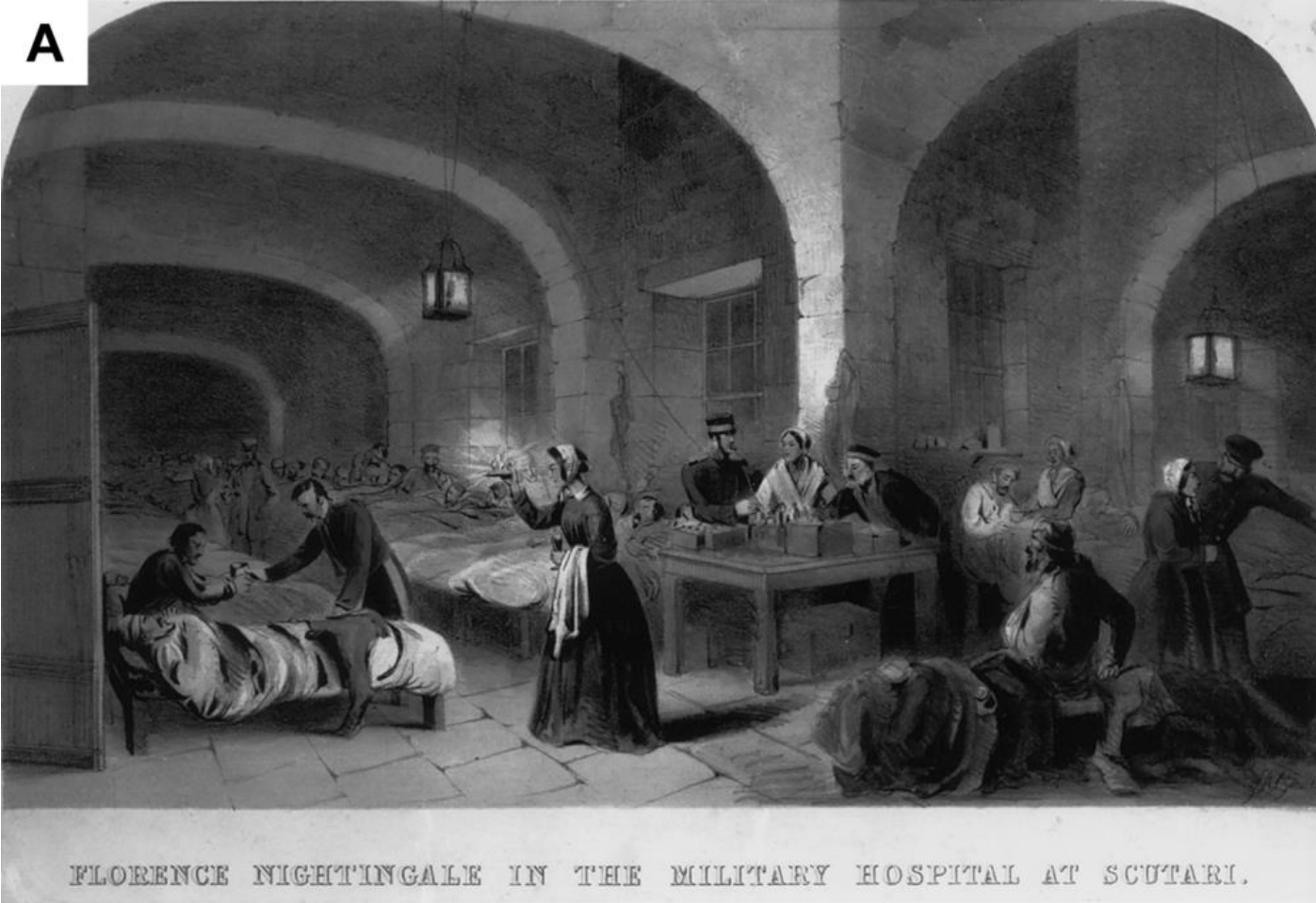
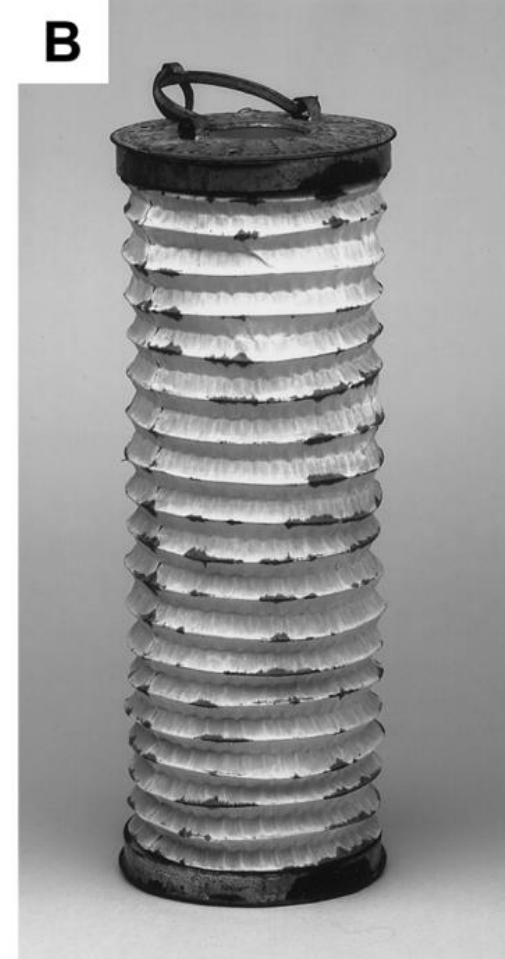


## **Prof Graham Wright**



**SAHIA – EWG Chairperson**  
**HELINA – EWG Member**

**A****B**

A, Popularized illustration, first printed in the Illustrated London News in 1855, of Florence Nightingale touring the wards of Barracks Hospital

# AREA OF OPERATION IN THE CRIMEAN CAMPAIGN



RUSSIA

THE DANUBIAN PRINCIPALITIES

CRIMEAN PENINSULA

Sevastopol

Black Sea

River Danube

Varna

BULGARIA

Bosphorus

Constantinople Scutari

Sea of Marmara

TURKEY

Dardanelles

Aegean Sea

CHERSONESE PENINSULA

SEVASTOPOL

Kamiesch

FRENCH H.Q.

BRITISH H.Q.

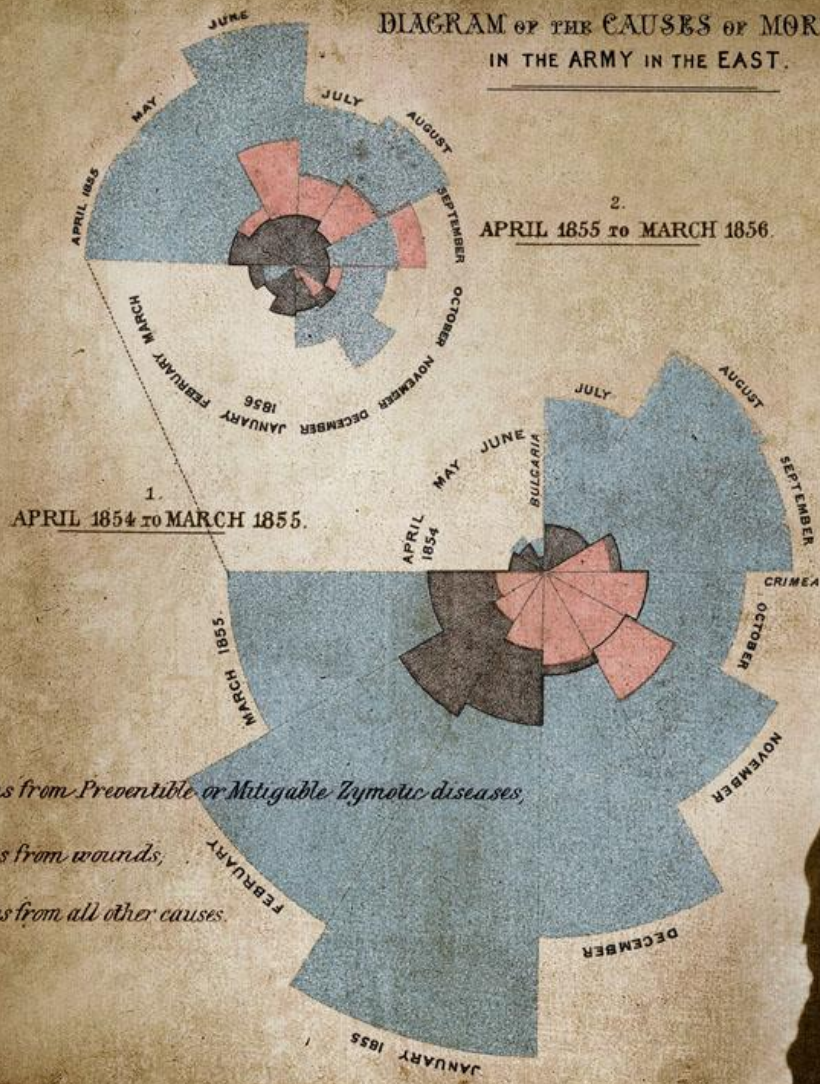
Kadikoi

BALACLAVA

0 miles 150  
0 kilometres 250

0 3  
0 5  
miles  
kilometres

DIAGRAM OF THE CAUSES OF MORTALITY  
IN THE ARMY IN THE EAST.





The most famous of Miss Nightingales statistical diagrams is the coxcomb designed to illustrate the causes of mortality. It showed that most of the British soldiers died of sickness rather than of wounds or other causes. It also showed that the death rate was higher in the first year of the war, before the Sanitary Commission arrived to improve the hygiene in the camps and hospitals in March 1855

([Betts and Wright, 2003](#)).

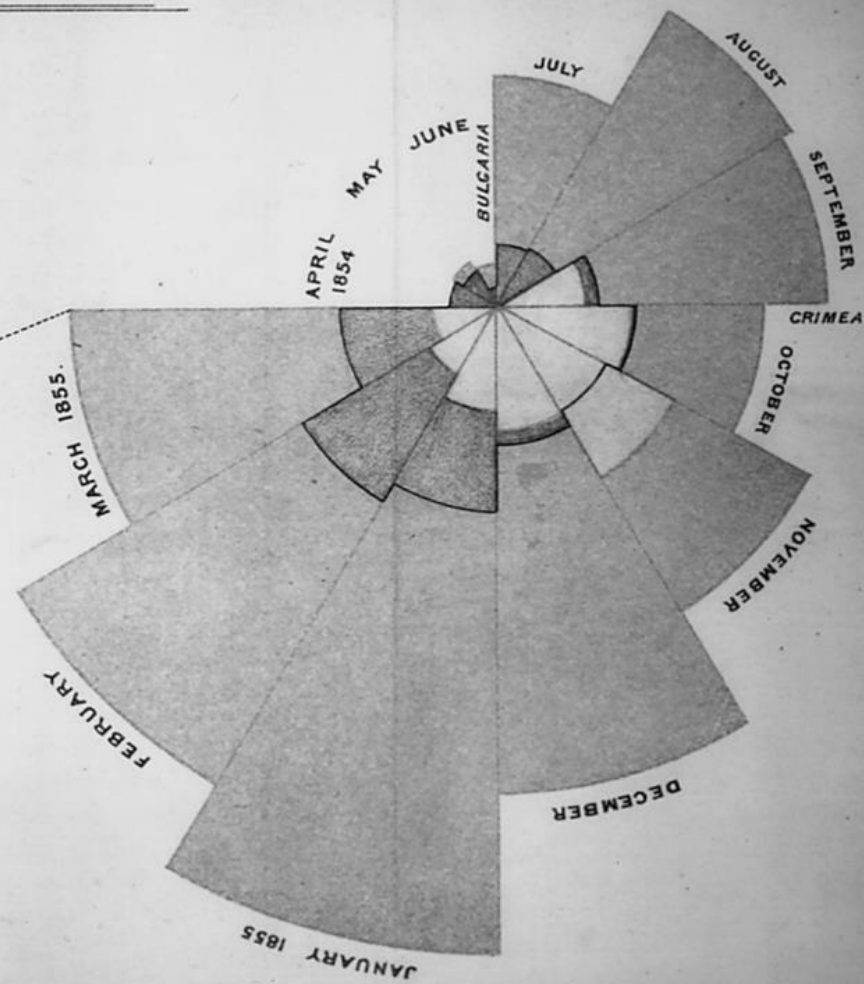
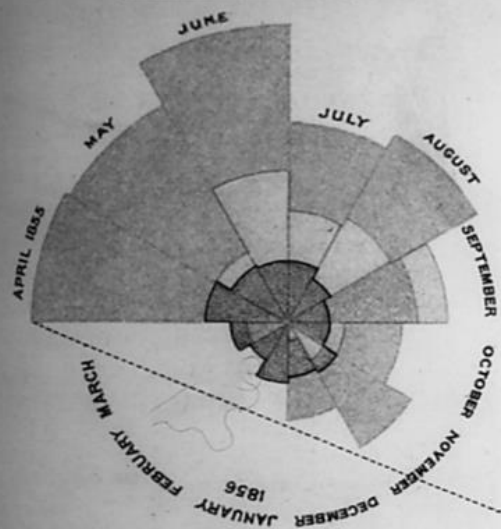
In the hospital where Nightingale worked five thousand men died in the winter of 1854/5. Wounds and other causes of death were secondary

([Betts and Wright, 2009](#)).

2.  
 APRIL 1855 TO MARCH 1856.

## DIAGRAM OF THE CAUSES OF MORTALITY IN THE ARMY IN THE EAST.

APRIL 1854 TO MARCH 1855.



*The Areas of the blue, red, & black wedges are each measured from the centre as the common vertex.*

*The blue wedges measured from the centre of the circle represent area for area the deaths from Preventible or Mitigable Zymotic diseases; the red wedges measured from the centre the deaths from wounds; & the black wedges measured from the centre the deaths from all other causes.*

*The black line across the red triangle in Nov. 1854 marks the boundary of the deaths from all other causes during the month.*

*In October 1854, & April 1855, the black area coincides with the red; in January & February 1855, the blue coincides with the black.*

*The entire areas may be compared by following the blue, the red & the black lines enclosing them.*



**Etienne Saliez, M.D.**

Education in Internal Medicine and experience in Integrated Hospital Information System.

Chair of WG Collaborative Care Team in Open Source (International Society for Telemedicine and eHealth - ISfTeH)



**Tim McLerran, M.D.**

Education in Internal Medicine, Aspiring Data Scientist

## **Perspectives of AI as “Assisted Intelligence” using graphs.**

Today a large amount of medical knowledge is already available in textbooks and many publications. But the challenge is how to make meaningful use of this huge knowledge.

In charge of a new case how to find access to the relevant knowledge and above all how to process this available knowledge correctly.

Graphs are a very natural way to represent complex problems, and this is expected to augment the efficiency of the human mind.

Graphs are expected to be useful for the training of students and for telemedicine assistance in remote areas.