

@gill1109

Murder by Numbers

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If you tell the truth, you don't have to remember anything (?)
The truth, the whole truth, and nothing but the truth

HOME

NIEUWS

SYNOPSIS

CAST & CREW

VIDEO

GALLERY

BARRY
AT SMA

SALLIE
HAR MS EN

ARIANE
SCHLUTER

FEDJA
VAN HUËT

ANNET
MALHERBE



EEN FILM VAN PAULA VAN DER OEST

LUCIA DE B.

SCHULDIG TOT JE ONSCHULD IS BEWEZEN

3 APRIL IN DE BIOSCOOP

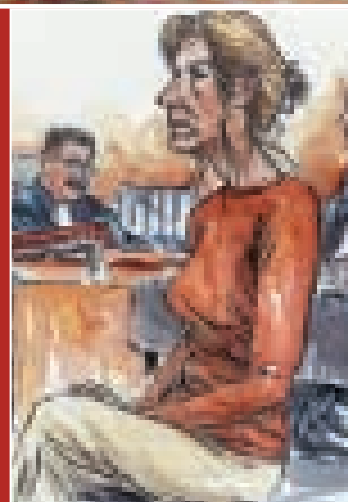
 DE STRAFZAAK TEGEN LUCIA DE B.



Lucia de B.



*Reconstructie van
een gerechtelijke
dwaling*



(2006)

Ton Derksen

Lucia de B.

Levenslang en tbs
Lucia de Berk



(2011)

Whistleblowers
Metta de Noo,
Ton Derksen



Time-line

- 2001 Suspicious death at Juliana Children's hospital, the Hague; investigation of 30+ other suspicious deaths
- 2003 Life sentence for 4 murders and 3 attempts
Evidence: statistical: 1 in 342 million chance of coincidence
- 2004 Life sentence + TBS for 7 murders and 3 attempts
All evidence: medical
- 2006 Life sentence definitive
- 2010 Conviction revoked. All deaths natural



What really happened?



First, a step back

Shifts	Court data	Corrected data
<p>JKZ MCU-I Oct '00 – Sept '01</p>	<p style="text-align: center;"><u>incident</u></p> <p style="text-align: center;">with without</p> <p><u>Lucia</u> with 9 b133</p> <p> without 0 b887</p>	<p style="text-align: center;"><u>incident</u></p> <p style="text-align: center;">with without</p> <p>b7 b135</p> <p>b4 b883</p>
<p>RKZ-42 Aug – Nov '97</p>	<p><u>Lucia</u> with b6 b52</p> <p> without b9 272</p>	<p>b5 b53</p> <p>10 271</p>
<p>RKZ-41 Aug – Nov '97</p>	<p><u>Lucia</u> with 1 bb0</p> <p> without 4 361</p>	<p>1 bb2</p> <p>4 359</p>

Shifts

Elffers, 2002

Gill, 2008

JKZ MCU-I

Oct '00 – Sept '01

incident

incident

with without

with without

Lucia with
without

9	b133
0	b887

b7	b135
b4	b883

RKZ-42

Aug – Nov '97

Lucia with
without

b6	b52
b9	272

b5	b53
10	271

RKZ-41

Aug – Nov '97

Lucia with
without

1	bb0
4	361

1	bb2
4	359

Some p-values

- Elffers (2002) (original data) 1 in 342 million
- Gill (2008) (corrected data, corrected method) between 1 in 1000 and 1 in 25
- ... and beware of prosecutor's fallacy:
Prob(Evidence | Innocent) isn't same thing as
Prob(Innocent | Evidence)

Any top baseball player is probably a tall guy. Any tall guy is probably not a top baseball player

The aftermath

- Justice took the blame
- Many lessons have been learnt by NL police, judiciary, forensic scientists
- In the medical world:



What really happened?

- Some more statistics ...
- Some more evidence ...



Some more statistics

- Before 2012, in NL, ca. 2000 deaths per year in hospitals caused by avoidable (and known) medical errors
- In the vast majority of cases, no admission of errors by doctors / hospital
- Thanks to measures taken by minister of health, from 2012, number is halved!

Some more evidence

- Inconsistencies in medical evidence
- Inconsistencies in the time-line prior to 2001
- The deaths were natural (i.e.: only to be expected) ... but hastened by faulty diagnosis, faulty treatment ... known to those responsible? ... never brought to attention of courts!

Source: report toxicologist Meulenbelt (retrial, Arnhem):
in depth analysis of three crucial cases

Conclusion

- When an airliner crashes, we investigate what happened, and take steps to prevent it ever happening again
- The Lucia case was a disaster
- It can happen again, tomorrow

