Opening Pandora's Box Syphilis in Whitechapel 1888

By Robert E. Anderson, Mark Ripper, Livia Trivia, Peter Whitby, Chris Scott (†), Katja Nieder, Trevor Bond and Jon Lee Rees

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The origins of syphilis are shrouded in mystery. It apparently crawled out of the bowels of Hell and first appeared in Europe in 1495.





• It is believed by many scientists that Columbus brought it back from the New World.

• Others believe it was a mutation of Yaws, another spirochete Treponema pertenue.



Symptoms of Yaws, before and after penicillin treatment

• But let's not talk about genetic mutations for another couple of hours.

This is Treponema Pallidum.



• It is called a spirochete because of its spiral shape which helps it drill through places it doesn't belong.



 When it first appeared while it didn't kill as many people as the Black Death it was considered another plague. • It was devastating. Victims were covered in sores, abscesses and ulcers. Their noses fell off. They literally rotted away.



It is written that when the syphilitics were moved into a neighborhood the lepers would complain bitterly.





It was called The Great Pox after smallpox.

• Voltaire wrote "On their flippant way through Italy, the French carelessly picked up Genoa, Naples and syphilis." Victims were treated – if they could afford it – with mercury and a host of other less effective "medicines"





 The modern term quack comes from the old German word Quacksalber, a fraudulent doctor that overprescribes mercury. The English and Germans called it the "French disease" and the French called it the "Neapolitan disease". The treatment offered victims in
1888 (mercury) was the same as from
1588. There were no advances in
treatment for over 300 years.

















population would hesitate which course to adopt. From the evidence given by the most eminent surgeons before the Royal Commission, there could be no doubt that three - fourths of our criminals, paupers, and lunatics were the offspring of syphilised parents ; unable from their weak intellects and enfeebled constitutions to compete with the healthy in any work, they were driven to crime and beggary. In the army and navy the curse was fearful. It was preved that half of our soldiers and sailors were, or had been, affected with syphilis, and it was shown that the constitution of the victims was so utterly destroyed as to render them totally unfit for service. To such an extent was syphilis now raging in this country, that from the fatal influence its spread exerted on the Continent, England was called "the great syphilitic curse." There was no occasion either to attack or

	TABLE 1. Common clinical manifestations of syphilis
Stage of syphilis	Clinical manifestations
Primary	Chancre, regional lymphadenopathy
Secondary	Rash, fever, malaise, lymphadenopathy, mucus lesions, condyloma lata, alopecia, meningitis, headaches
Latent	Asymptomatic
Tertiary	
Cardiovascular syphilis	Aortic aneurysm, aortic regurgitation, coronary artery ostial stenosis
Neurosyphilis Asymptomatic	None
Acute syphilitic meningitis	Headache, meningeal irritation, confusion
Meningovascular	Cranial nerve palsies
General paresis	Prodrome: headache, vertigo, personality disturbances, followed by acute vascular event with focal findings
Tabes dorsalis	Insidious onset of dementia associated with delusional state, fatigue, intention tremors, loss of facial-muscle tone
	Lightning pains, dysuria, ataxia, Argyll Robertson pupil, areflexia, loss of proprioception
Gumma	Monocytic infiltrates with tissue destruction of any organ
Concentral	
Congenital Early	Fulminant disseminated infection, mucocutaneous lesions, osteochondritis, anemia, hepatosplenomegaly, neurosyphilis
Late	Interstitial keratitis, lymphadenopathy, hepatosplenomegaly, bone involvement, condylomata, anemia, Hutchinsonian teeth, eight- nerve deafness, recurrent arthropathy, neurosyphilis









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Syphilis Medicines in Victorian Times

Mercury

Potassium Iodate

Arsenic

Strychnine (Nux Vomica)





Mercury Chloride





Potassium Iodate Poisoning







Code words to describe Venereal Disease

- Enfeebled constitution
- Debauched personal habits
- Degenerate vices
- Tertiary taint
- Exhausted
- Irregularities of living
- Excessive lifestyle

Code words to describe Venereal Disease

- Dissipated state of health
- Sexual insanity
- Morally insane
- The evening routine of soldiers
- Brain exhaustion
- Sexual excess









Syphilis in Whitechapel 1888





"I believe that Jack the Ripper was a victim of that dreaded disease, syphilis, for which a slow and not very effective course of mercury and iodine was then the only treatment we had. (...) So I used to imagine the half-crazed sufferer, his bones being gnawed away by this terrible ailment, determining to revenge himself on the class of women from whom he had caught it."

D.G. Halstead

The man's physical health ruined and his career broken, he has possibly suffered specific brain damage as well. Any how he is mad, and his mania, rising from the particular to the general, takes the fell form of revenge against the class, a member of which has wrought him his blighting hurt, against, too, the persons of that class plying in Whitechapel, since it was from a Whitechapel loose woman that he took his scathe. A wounded wild beast crunches the spear that has stricken him. Archibald Forbes, Oct. 3rd, 1888

"A medical gentleman called at *The Star* office yesterday to give us some important information regarding a suspicion which he entertains as to the murderer."

It has been more than once suggested that the murderer is a MONOMANIAC WITH MEDICAL KNOWLEDGE. The doctor had an assistant who has gone mad recently, and who is exactly the sort of man Mr. Archibald Forbes had in his mind in his diagnosis of the murders. He has been the victim of "a specific contagion", and since then has been animated by feelings of hate, not to say revenge, against the lower class of women who haunt the streets. of the event.

At the inquest on the body of the Kelly today Leolafied omau Wilness 1 mail he the murderer BAW the house LOF with the woman shortly before the killing. He noticed that the man's face had a curiouely blotched appearance similar to that of a sufferer from the secondary manifestations of a loathsome disease.

Duluth Daily News, November 13, 1888







		NUMBER OF BEDS.							
WHERE SITUATED.	YEAR FIRST OPENED.	T TOTAL MALE. FEMALE.		TOTAL Females					
London	1747	20	36 made up	68					
Dublin	1792	none	75 "	150					
Glasgow	1805	none	60 ,,	81					
Manchester	1819	none	20 ,,	60					
Liverpool	1834	25	25 ,,	25					
Bristol	1870	none	16 "	16					
	Total	45	232 made up.	400					

Females	admitte	d as	in-J	patier	nts,	inclu	ding	
Govern	nment ca	ses a	nd 68	8 mar	ried v	vome	n	999
Males ad	mitted a	s in-p	atien	ts			•••	300
Female o	ut-patie	nts						2,294
Male	do.							11,625
	Т	otal						15,218

b



Name of Hosp	ital.			No. of Beds.
Charing Cro	oss	 		None.
Guy's		 • > >		None.
King's Colle	ge	 		None.
London		 		8
Middlesex		 		7
Royal Free		 		None.
St. Bartholo	mew's	 		14
St. George's	s	 		None.
St. Mary's		 		None.
St. Thomas'		 		28
University (College	 		None.
Westminster	r	 		None.
		Tota	a	57



Guesstimates of Infection Rates

- Lannec Clinic, Paris 1917:
 - 15-18% of women
 - 20-28% of men
- Fournier 1875:
 - 13-15% of adult males in Paris
- Blaschko, Berlin, 1900
 - Merchants and Clerks between 18-28: 45%
 - USA, WWI enlistees
 - 20%
 - Budapest 1911
 - 33% of registered prostitutes

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B1032 \checkmark $\mathcal{F}_{\mathbf{X}} \Sigma$ = Connelly										
	A	В	С	D	E	F	G	Н	I	J
1	Admitted 🔻 Su	urnam 🔽	Forename	Sex 🔻		Admitted From	▼ Married/Sin ▼	Calling	Cause	Discharge
	26.04.1888 Gif			M		1 Heneage St		Seaman	Bronchitis	01.05.18
	26.04.1888Ke		Annie	F		12 Great Garden St	~	Tailoress	Labour	01.05.18
1022	26.04.1888Lyr			M		12 Princes St		Herbalist	Febrile	04.05.18
	26.04.1888 Mo			M		1 Osborne Place		Dock labourer	Morbus cordis	10.06.18
1021	26.04.1888 Th		Ellen			Dormitory	Widow of Chris		Rheumatism	15.05.18
1020	26.04.1888 Tu			M		16 Great Garden St		Fish porter	Tussis	14.05.18
1023	26.04.1888Wo		Margaret			18 Thrawl St		Chair caner	Laryngitis	09.05.18
1000				6					from Banstead	09.05.18
1001	27.04.1888 Be			M		Banstead Asylum		French polisher		
	27.04.1888Co		Mary A	6		19 George St		Hawker	Laryngitis	12.05.18
1000	27.04.1888 Da			M		46 Wentworth St		Hawker	Varicose veins	06.06.18
	27.04.1888 Do			М		Banstead Asylum		Costermonger	from Banstead	30.04.18
1000	27.04.1888 Fe			М		Leman St		Seaman	Haemoptysis	07.06.18
1000	27.04.1888 Fin		Martha	F		56 Flower & Dean St		Servant	Ulcerated leg	09.06.18
1057	27.04.1888 Fo		Emma	F		Workhouse	-	Charing	Sprained wrist	17.10.18
1000	27.04.1888 Hu		Johannah	F		Workhouse		Laundress	Bronchitis	01.05.18
1039	27.04.1888 Ke	*	Jane	F		35 Dorset St	Married		Whitlows and Gonorrho	
1040	27.04.1888 Ma			М		Banstead Asylum		Costermonger	from Banstead	28.04.18
	27.04.1888 Ma	anning 💚	Catherine	F	84/	Workhouse	Widow of Edwa	Dock labourer	Infirm	04.06.18
1042	27.04.1888 Pri	ice /	Mary	F	61	Dormitory		Hawker	Laryngitis	11.06.18
1043	27.04.1888 Ski			М		Dormitory	Single	Grocer	Tussis	22.06.18
1044	27.04.1888 Sm	mith	Charles F	M	35	2 Bath Gardens	Married	Hawker	Rheumatism	12.05.18
1045	27.04.1888 Sm	mith	John	M	58	12 Thrawl St	Widower	Dock labourer	Incontinence	
	27.04.1888 To		Sophia	F		Workhouse	Widow of John	Clerk	Morbus cordis	12.05.18
	27.04.1888Wa			M		12 Thrawl St		Hawker	Chest & hepatic	12.06.18
1 1047	28.04.1888Ca			M		Found in Flower & Dean St by F		Musician	Destitution	07.05.18
1010		-		M		Child of Margaret			Born	18.05.18
	28.04.1888 He		Margaret	F		1 Garden Court, George Yard	Married	1	Labour	15.05.18
	28.04.1888 Jer		-	м		41 Commercial St		Peterman	Ulcerated leg	03.08.18
	28.04.1888Ke	-		M		18 Upper East Smithfield		Watchman	Lumbago	30.04.18
1026	28.04.1888 Kn		Mary			Dormitory	Widower Widow of Josep		Vertigo	30.04.15
		-							Bronchitis	04.05.1
	28.04.1888Llo			M		48 Upper East Smithfield	_	Seaman		04.05.1
1055	28.04.1888 Ma	Arsnali	James	М	20	12 Thrawl St	Single	Labourer	Hydrocele	09.05.18

		Ĩ						
Wood	Margaret	e o	26 18 Thravi St	Single	Chair caner	1 annable		13
Connelly	Mary A	F	35 19 George St	Single	Havker	Laryngitis Laryngitis	********	15
Price	Mary	E	61 Dormitory	Single	Havker	Laryngitis	********	45
Williams	Edward	M	55 16 Great Garden St	Widowe	Bootfinisher	Laryngitis	********	46
Taylor	Charles	M	56 12 ThravI St	Single	General labourer	Laryngitis	********	34
Reynolds	Luke	M	67 9 Flower and Dean St	Single	Dock labourer	Laryngitis		7
Reynolds	Luke	M	67 9 Flower and Dean St	Single	Dock labourer	Laryngitis	********	15
O'Brien	John	M	48 49 Gun St	Single	Tailor	Laryngitis	********	24
Walters	Mary	F	63 Workhouse		ilian General labourer	Laryngkis	********	6
Fuller	John	M	57 9 Dorset St	Widower	Boxmaker	Laryngitis	********	24 Dead
Williams	William	M	40 17 Dorset St	Married	Hawker	Laryngitis	********	77 Dead
Stevens	Bertrand	M	33 17 Dorset St	Single	Cork outter	Laryngitis		44
Saker	William	M	45 19 Brick Lane	Single	Hawker	Laryngitis		25 Dead
Kelly	John	M	46 55 Flower and Dean St	Single	Porter	Laryngkis	********	19
Hall	James	M	43 1Flower and Dean St	Married	Tin burner	Laryngitis	********	17
Tador	John	M	32 1Hanaana 9	Single	White lead worker	Leadcolic	********	4

~								
1110	5/5/1888 Allen	James	M	35Workhouse	Single	Clerk	Gonorrhoea	5/12
1163	5/11/1888 Ince	Maria	F	1855 Flower & Dean St	Single	Fish hawker	Gonorrhoea	6/2
1169	5/11/1888 Whale	George	M	271 Osborne Place	Single	Dock labourer	Syphilis	6/4
1184	5/14/1888 Mastead	Laura	F	23168 Dalston Lane	Single	Prostitute	Gonorrhoea	6/28
1201	5/16/1888Clapham	Agnes	F	35 Dorset St	Widow of Thon	Dealer	Gonorrhoea	6/28
1268	5/23/1888 Shannon	Thomas	M	301 Heneage St	Single	Dock labourer	Gonorrhoea	6/4
1279	5/24/1888 Smith	Annie	F	18 36 Dorset St	Single	Prostitute	Gonorrhoea	6/16
1373	6/1/1888 Green	John	M	2512 Princes St	Single	Hawker	Syphilis eruption	7/19
1409	6/5/1888Cutler	Agnes	F	30 16 Thrawl St	Single	Laundress	Gonorrhoea	6/19
1426	6/6/1888 Marshall	James	M	256 Little Pearl St	Single	Dock labourer	Syphilis	6/14
1433	6/7/1888 Jackson	Alice M	F	296 Whites Row	Single	Prostitute	Syphilis	7/16
1503	6/15/1888 Franks	Rachael	F	0.17 Workhouse	Child of Sarah		Syphilis	6/23
1516	6/18/1888 Bark	James	M	28 17 Dorset St	Single	Boot finisher	Syphilis	8/21
1541	6/20/1888 Theobald	Elizabeth	F	18 Walked from Romford	Single	Prostitute	Syphilis	7/19
1650	7/2/1888 Hughes	Agnes	F	28 15 Great Pearl St	Single	Nil	Chancre	7/16
1692	7/6/1888 Smith	William	M	45142 Old Montague St	Widower	Hawker	Syphilis	7/30
1726	7/11/1888 Harvey	Elizabeth	F	1919 George St	Single	Nil	Gonorrhoea	7/27
1776	7/17/1888 Daley	Margaret	F	1926 Wills Court	Single	Servant	Gonorrhoea	8/16
1778	7/17/1888 Elston	Eliza	F	22175 Cable St	Single	Prostitute	Gonorrhoea	8/16
1788	7/18/1888 Dillon	John	M	43 17 Dorset St	Single	Dock labourer	Chancre	7/21
1801	7/19/1888Nunn	Jessie	F	25 Casual ward	Single	Charing	Syphilis	8/5
1832	7/23/1888 Marshall	James	M	2516 Thrawl St	Single	Dock labourer	Syphilis	8/2
1852	7/25/1888 Armstrong	Henry	M	18 19 Brick Lane	Single	Fish porter	Epididymititis	8/13
1875	7/27/1888 Berryman	Henry	M	1930 Dorset St	Single	Dock labourer	Chancre	8/10
1959	8/4/1888 Weldon	Sarah	F	30 Workhouse	Single	Prostitute	Herpes	8/18
1997	8/9/1888Cleveley	Mary A	F	2252 Flower and Dean St	Single	Prostitute	Gonorrhoea	9/8
2019	8/10/1888 Morgan	Mary	F	179 Vine Yard	Single	Prostitute	Syphilis	9/6
2037	8/13/1888 Berryman	Henry	M	1956 Gun St	Single	Dock labourer	Chancre	9/11
2071	8/15/1888 Carter	Joseph	M	40 19 George St	Widower	Dock labourer	Gonorrhoea	8/17
2077	8/15/1888 Keefe	Catherine	F	30 56 Flower and Dean St	Single	Prostitute	Gonorrhoea	1/19
2080	8/15/1888 Mitchell	John	M	26 Workhouse	Single	Cabinet maker	Gonorrhoea	9/6
2108	8/17/1888Coates	John	M	2649 Gun St	Single	Picture frame ma		9/26
2218	8/29/1888 Jones	Hannah	F	17 142 Old Montague St	Single	Prostitute	Gonorrhoea	9/7
2228	8/30/1888 Knapp	Thomas	M	28 12 Wellclose Square	Single	Dock labourer	Venereal disease	9/29
2245	8/31/1888 Smith	Ann	F	388 Thrawl St	Single	Prostitute	Chancre	9/22
2251	9/1/1888 Donoghue	Mary	F	3619 George St	Widow of Jame		Syphilis	9/28
2268	9/3/1888 Riley	Dennis	M	2464 Wentworth St	Single	Dock labourer	Chancre	9/11
2312	9/7/1888 Marshall	James	M	251 <u>Heneage</u> St	Single	Dock labourer	Syphilis	9/12
2326	9/10/1888 Asquith	Minnie	F	18 47 Flower and Dean St	Single	Prostitute	Syphilis	10/13
2410	9/17/1888 Jennings	Martin	M	48 49 Gun St	Married	Dock labourer	Herpes	10/1
2460	9/21/1888 Hickenson	Martha	F	28 55 Flower and Dean St	Married		Syphilis	10/25
2480	9/24/1888 Scott	William	M	19Casual ward	Single	Grocer	Condyloma lata	10/22
2484	9/24/1888 Welsh	James	M	48 17 Dorset St	Married	Hawker	Gonorrhoea	10/31
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	K36		(=	fx									
	Α	В	С	D	E	F	G	Н	1	J	К	L	
32	Mental Ab	erration	3		Tabes/GPI	grandiose	thinking						
33	Mental De	bility	1		Tabes/GPI	grandiose	thinking						
34	Morbus Co	ordis	15		"no heart"	_	_						
35	Myalgia		24		Muscle ach	nes freque	nt seconda	ry symptor	n				
36	Nervous d	ebility	5		Tabes/GPI	grandiose	thinking					1	
37	Nervous d	isease	1		Tabes/GPI	grandiose	thinking						
38	Nervous e	xcitement	1		Tabes/GPI	grandiose	thinking						
39	Nervousne	255	2		Tabes/GPI	grandiose	thinking						
40	Neuralgic		7		Stabbing p	ains of tab	es dorsalis	5					
41	Neurotic		2		Tabes/GPI	grandiose	thinking						
42	Paralysis		30		GPI/Tabes								
43	Periostitis		3		Inflamatio	n of conne	ective tissu	e; secondai	ry sympto	om			
44	Phthsis		69		Consumpt	ion; could	be gumma	or tubercle	2				
45	Phthyriasis	5	15		Public lice								
46	Pleurodyn	esis	26		Inflammat	ion of plea	ural cavity						
47	Rheumatis	m	410		Secondary	stage cou	ld mimic rh	eumatism;	tabes wa	as PAINFUL	and destr	uctive of j	oints
48	Scabies		47		Could mas	k syphilis							
49	Senile Deb	oility	7		Tabes/GPI	grandiose	thinking						
50	Senile Der	nentia	2		One case v	vas 57 yea	rs old						
51	Skin Erupti	ion	70		Speaks for	itself							
52	Stricture		16		Gonorrhea	1							
53	Swelled Te	esticles	4		Epididymi	tis							
54	Swelling G	lands	2		Infection of	of lymph sy	/stem						
4	4100	ļ											

THE FORTY-SECOND REPORT

OF THE

COMMISSIONERS IN LUNACY,

31 MARCH 1888.

TO THE RIGHT HONOURABLE THE LORD HIGH CHANCELLOR.

My Lord,

ACCORDING to the Returns made to us, there were, in INTRODUC-England and Wales, on the 1st of January last, 82,643 persons registered as lunatics, idiots, and persons of unsound mind, being an increase of 1,752 upon the figures of the previous year.

The classification and distribution of these persons are shown in the following Summary :----



													Name and Address of the Owner, where
	WREER MAINTAINED	1	PRIVAT	8.		PAUPER	UPER. ORIMINAL.		TOTAL				
	on 1st January 1988.	м.	F.	T,	м.	F.	т.	м.	F.	т.	м.	P.	T.
	In County and Borough Asylums	863	4-10	803	\$2,930 90	27,022 60	49,258	98 1	21	119	22,607 1,816	27,483 2,611	20,180 3,426
	In Registered Houses :	1,715 841 609	1,551 761 795	8,266 1,602 1,405	351 214	511 212	865 426	- 5	-	-5	1,106	1,272	2,467
	In Naval and Military Hospitals, and Royal India Asylum	263	21	283	-	-	-	-	-	-	262	21	283
	In Criminal Lunatie Asylum (Broadmoor) -	-	-	-	-	1	1	400	146	552	406	147	563
	In Workhouses : Ordbury Workhouses Metropolitan District Asylums -	-	-	-	\$,270 2,601	6,831 2,900	12,101 8,501	-	-	-	5,270 2,601	6,831 2,900	12,101
	Private Single Patients -	184	252	436	-	-	-	-	-	-	184	252	436
	Out-door Paupors	-	-	-	2,343	8,517	5,800	-	-	-	2,343	3,517	5,860
_	TOTAL	3,974	3,821	7,796	38,117	41,054	74,171	\$10	107	677	87,601	48,042	82,643

Calculation Assumptions I

82,943 patients in lunatic asylums in England and Wales in 1888

66% of the men had syphilis per 1907 post mortem survey on MEN

Assuming this syphilis is indeed GPI/Tabes and not coincidental

11% of the women had it (based on M/F GPI ratio i.e. 6 to 1 male)

Weighted average calculation

- 37,601 M x .66 = 24817
 - 45,042 F x .11 = 4955
 - 24817 + 4955 = 29772
 - 29772/82943 = .3602

Calculation Assumptions II

Rounding to 36% of patients with GPI/Tabes caused by syphilis 29871 Neurosyphilitics in England and Wales in 1888 (doesn't include borderline etc etc) 298,710 Tertiary Syphilitics (10% of Tertiary become Bat Shit Crazy) 995,700 Secondary Syphilitics (30% of Secondaries progress to Tertiary) 3,982,800 Primary Cases in 1888 (25% of Primary Progress) 3,982,800/28,500,000 = 13.9% of population with Primary Syphilis in 1888

Our guesstimates on the Percentage of the population in Great Britain to have syphilis in 1888

- Based on Whitechapel Infirmary calculations 7%
- Based on Lunatics Post Mortem Survey 1907 14%
- Royal Commission of Venereal Diseases 1913-1916: "The number of persons who have been infected with syphilis, aquired or congenital, cannot fall below 10% of the whole population in the large cities."

,I have been accused of seeing syphilis everywhere, but I am afraid I have not seen it often enough. PHILIPPE RICORD



More fun with numbers

P=(1-(B1*B2))^B3

- B1 = Probability John is infected
- B2 = Probability of transmission given that
- John is infected
- B3 = Number of tricks turned

High End Brothel

A	В	
Probability that John is Infected	0.50%	
Probability of transmission given that John is Infected	20.00%	
Number of tricks	365	
Probability of being disease free	69.41%	

A	В	
Probability that John is Infected	0.50%	
Probability of transmission given that John is Infected	20.00%	
Number of tricks	1095	
Probability of being disease free	33.44%	

Subsistence

A	В
Probability that John is Infected	5.00%
Probability of transmission given that John is Infected	40.00%
Number of tricks	1095
Probability of being disease free	0.00%

A	В	
Probability that John is Infected	5.00%	
Probability of transmission given that John is Infected	40.00%	
Number of tricks	34	
Probability of being disease free	50.31%	

If the butcher's shop may occasionally be visited and inspected for diseased meat, why should the brothel be so exempted?

Editorial The Lancet, 1864


The Victims

Mary Ann "Polly" Nichols





"I'll soon get my doss money. See what a jolly bonnet I've got now."

"I've had my doss money three times today and spent it. It won't be long before I'm back."



Elizabeth Stride











Catherine Eddowes



"...severing the tip of Eddowes' nose was the murderer's way of branding the woman, true or not, as syphilitic..."

Donald Rumbelow, The Complete Jack the Ripper







"She was in a gay house in the West End, but in what part she did not say. A gentleman came there to her and asked her if she would like to go to France.
(...) She did not remain long. She said she did not like the part, but whether it was the part or purpose I cannot say."

Joseph Barnett during Mary Jane Kelly's inquest

of the event.

At the inquest on the body of the Kelly today Leolafied omau Wilness 1 mail he the murderer BAW the house LOF with the woman shortly before the killing. He noticed that the man's face had a curiouely blotched appearance similar to that of a sufferer from the secondary manifestations of a loathsome disease.

Duluth Daily News, November 13, 1888







"The deceased was far advanced in disease of the lungs and membranes of the brain, but they had nothing to do with the cause of death."

Chapman's inquest

...In one version of the story, Annie is to have thrown a half penny at Cooper and slapped her in the face saying "Think yourself lucky I did not do more."

It appears obvious that she did pick up medication at the casual ward. The lotion found in her room may have brought up there at this time.

Casebook Jack the Ripper

the mother passes through the later stages, the child will have a better chance of being born alive; finally, when and if the disease has cured itself spontaneously, normal healthy children may be born. A 'typical' pattern of births would run as follows:

First pregnancy Miscarriage at fifth month. Second pregnancy Stillbirth at eighth month. Third pregnancy Live, but dies of syphilis soon after birth. Live, showing signs of syphilis weeks Fourth pregnancy or months after birth. Apparently healthy child, showing Fifth pregnancy signs of syphilis after a few years. Child healthy until his teens, then Sixth pregnancy showing signs of syphilis. Seventh pregnancy Healthy child, never showing signs of syphilis.

But syphilis only rarely produces a 'typical pattern' and healthy children may alternate with diseased children in a syphilitic family.

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GIVEN AT THE GENERAL REGISTER OFFICE

CERTIFIED COPY OF AN ENTRY OF DEATH



Application Number 5899859-1

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1870	DEATHING	ne Sub-district of 1916	iy ran			in the cou	nty of Middlesex		
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CERTIFIED to be a true copy of an entry in the certified copy of a Register of Deaths in the District above mentioned.

Given at the GENERAL REGIS	STER OFFICE, under the Seal of the said Office, the	lst	day of	September	2014	
DYD 743262				See no	ote overleaf	REGISTER OF
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The Suspects







Francis Tumblety





Credit: Steward P. Evans



Old Faces made to look Young and Beautiful.

You may obtain a handsome complexion, exempt from Pimples, Blotches, &c., by using DR. TUMBLETY'S PIMPLE BANISHER. Price One Dollar per Bottle. Sent by mail or express to any address.

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PRISICIANS ARE REMINDED OF THE IMPORTANCE OF MAKING OUT THESE CERTIFICATES WITH ACCTEACT. THEY ARE THE BASIS OF MORTCART STATISTICS OF THE CITY. IF SOT PROPERLY FILLED IN THEY WILL NOT BE ACCEPTED OR MORTEN. Bealth Department. No. of Barbal Permit. This Certificate must be Fully and Scarately Filled Out in Job as Provided by Section 526, Revised Ordinance, 1900. Name of Deceased & Vancis Jumblety WHITE. Sex: Conjugal Condition: BLACK (Negro or Mixed). MALP. INDIAN CHINESE. JAPANESE. FEMARE MARGINED. WILCOWED, [Vear 1903 NOTE.-Strike out words not applicable. DIVINGENT Date of Death Month Many (Year_ Of Birth Month Day Vears 82 Occupation Day (Return teenpation for all persons 10 years of any and over.) Place of Birth Birthplace of Father Birthplace of Mother. Disease or Cause of Death: Jaloular Stacaze Herart STATE OR COUNTRY (In filling the above line Physicians are carnessly request nerhortes Length of Time deceased was an inmate And previous residence Late Residence There Huspital Length of Residence, (in city or town) Length of Residence, (in city of town) I CERTIFY that I have attended the person above named ind+5 last illness, who died of the disease stated. on the date above named. Maren R. In Con St. R. D. Telephone No. BORIAL PERMIT. OFFICE OF HEALTH DEPARTMENT, St. Louis i 31 I CERTIFY that the Charter and Ordinances of and the above Certificate and find it to accord with the requirements of the person therein named in mission is hereby given to inter the body of Cemetery. I CERTIFY that the intended place of burget for the body of the above names person is Revenue Cendery. Clerk Health Commissioner. ellinand "sextions receiving Buriat Certificate without the signature of the Commutation By Revised Ordinance, 1800. mo er or his fiers will subject themselves to a free, as pro-



Thomas Neill Cream



He had a ,,desire to get rid of women who were in a condition in which they were a menace to society..."







James Maybrick



Maybrick expressed a fear of paralysis, even from his Norfork days in the 1870s.

Madam Mary Hogwood, a madam in a cathouse in Norfork V. testified that for several years Maybrick came in 2-3 times a week and took arsenic 2-3 times an evening

Children, Flo and his other wife Sarah Maybrick (he was a bigamist) all arguably died insane. Son James Jr/Bobo died at 29 when he drank some cyanide apparently thinking it was just a glass of water. Gladys' home was stuffed with enough medications to stock a pharmacy.

His doctors prescribed for him at one time or another all of the major medicines used to treat syphilis. Arsenic, strychnine/nux vomica, hydrate of potash, bromide of potassium (used when the system has become insensitive to iodates), Plummer's pills (mixture of calomel and antimony sulfide with guaiacum), Fowler's solution (arsenic dissolved in potash), bismuth and compound sulphur lozenges (given in cases of mercury tolerance). Maybrick's tongue was described as "simply filthy", probably from all the heavy metals he was taking.



Sir Jim's Magic Pharmacy

- Mercury
- Bromide of Potassium
- Arsenic
- Hydrate of Potash
- Calomel (Mercury Chloride)
- Antimony
- Bismuth
- Strychnine (Nux Vomica)

The attack of pains from side to side of his head sounds like the lightening pains of tabes dorsalis.

Florence told one of the doctors that she thought the illness was from "irrregularities in eating or drinking before marriage" Dr. Carter testified the problem was "some grave indiscretion of diet away from home". Our emphasis – code talking.

A doctor in London – why not Liverpool? – testified Maybrick called on him several times for psoriasis of the feet, and he prescribed solution of arsenic. Told him if he did not continue the medicine he might have paralysis.



When Sir Jim went into his death spiral Florence asked his brother to send his friend Dr. M'Cheyne. We believe this is Dr. McChenna who worked with Dr. F. Lowdes of the Liverpool Lock Hospital.

The very first witness called for the defense was Dr. Rawdon Macnamara, also of the Liverpool Lock. He testified "Yes, I am quite familiar with giving syphilitics heavy doses of arsenic and I don't kill them. Maybrick didn't die of arsenic either."

Post mortem doctors would not have discussed venereal disease for a gentleman and a possible murder victim. It just wasn't done. However, PM may have shown gummata in the stomach and ossification of the ribs. Ossification can be a precursor for necrosis.

Oh and one more thing.....

• There is the small matter of the Diary and the Watch.....

Sir Jim was bat shit crazy in 1888-89.

Syphilis was endemic in the Victorian era, concentrating largely in the upper class and the uneducated working poor. Treatment options were limited to put it mildly.

It is highly likely that Jack's victims had syphilis. It is equally likely that if Jack was a customer, he had it as well.

We should perhaps revisit the old theories about revenge over contracting syphilis as a motive.

Syphilis was everywhere, and it was nowhere. You will not find so much as a sentence regarding the disease in Victorian literature, and it was considered a major faux pas to put it on a death certificate. It was not mentioned in polite society. Or at Ripper Conferences....

