

OPEN

PHILATELY

JMB 5.8.2015 PRG

DEFINITION

- Philatelic Exhibit on a
Theme
- MUST tell a Story
- Includes material allowed in all other FIP Classes
- PLUS Non-Philatelic items to help tell a better story
- Philatelic material must be at least 50% of the exhibit

1. EARLY HISTORY

THE GODS

The first recorded history of medicine shows that the "Gods" were thought to have been responsible for all the sickness in the world and also had the power to cure sickness.

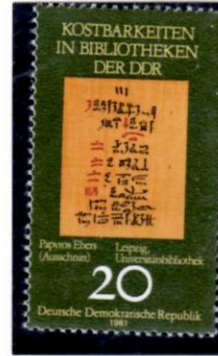


Thoth the Wise 5,000 BC:

Portrayed with either the head of an Ibis or a Baboon. Greek **God of Healing**. He is said to have invented the **enema** and was responsible for weighing and recording the weights of the hearts of people being embalmed.

'Ebers Papyrus' c. 1,550 BC

Some parts are said to be copies of early writings by Thoth. Over 20 m long and **oldest known medical document** – it describes over 60 diseases and has remedies which include spells and incantations.



Thoth writing King Fuad's name.

Design adopted from the Papyrus of Ain now in the British Museum.



Isis c. 2345 BC:

Egyptian Goddess of Mothers and Children, also involved in funerary embalming. She married her brother Osiris and they had a son Horus.

Issued 21 March 1979 on Mothers' Day.

Thoth painted on a piece of papyrus just as his portrait would have been 5,000 BC. >>



Thoth reading a scroll:

Cinderella used by a bookseller in Sydney, Australia, in 1946-1947.

Printed by Waterlow & Sons.



Artemis (Greek) or Diana (Roman) She was the Daughter of Zeus, and the Goddess of hunting and **fertility**. Roman art shows her with bow and quiver as in the 1998 USA stamp: 1st Class postage.

Sold for 45c = 37c postage and 8c split 70% to National Institutes of Health and 30% to Department of Defense – both conducting breast cancer research.

Ociltliltion

Mexican God of healing - in Aztec times he was the "Little Black One" – he brought peace and sleep to children.

Issued for Mexican Children's Hospital, 2013.





*Stamps issued
for the 15th
Ophthalmological
Congress 1937
in Cairo*

Horus 4000 BCE was the Egyptian Sun god.

The Eyes of Horus were the Sun and the Moon. His left eye – the Moon – was damaged but his sight was restored by Ra. The image of the "Sacred Eye of Horus" is believed to be the original form of "**Rx**" which appears on prescriptions.



Im Hotep 2780 BCE

As a chief priest part of **his work was to cure the sick through religion and magic**. He also supervised embalming of the dead - from this he would have obtained some knowledge of anatomy. Many years after his death he was deified as the **God of Medicine**.

The image of Im Hotep on the stamp is taken from a temple on the island of Pdillae.

Im Hotep was also an architect – he designed and supervised building of the Step Pyramid – the first pyramid which was intended to be the tomb of King Djoser.

The Step Pyramid at
Saqqarah >>

Card:
Real photo postcard.
Published by Lehnert
& Landrock, Cairo.



Saqqara - The Step Pyramid

BENEFITS OF OPEN PHILATELY

- Can exhibit a much wider range of subjects
- A good “Toe in the Water” to exhibiting
- General Public can enjoy and understand it
- Attracts new exhibitors – who often progress to other classes
- Allows lateral thinking in exhibits

RULES

- **Exhibit must tell a story** – with Introduction + Ending

- Title Page – needs to invite people to

“Come and Look at Me”

An item on Title Page may help –
but not too big.

Use a Computer – it looks better

TITLE PAGE

- Title of the Exhibit – on Title Page ONLY
- Title must be clear and easily understood
- Title must be correct for the pages that follow
- Must have an Introductory Statement = what story is being told
- Must have a PLAN – chapters or sections
- Must have a Bibliography/ main References – Title, Author, Year, Publisher

Why? – to help the judges with homework

MEDICINE – ITS HISTORY and DEVELOPMENT

The story of medicine and health from 5000 BC to the present time illustrated by philatelic and other relevant material.



1550 BC Earliest Medical document
Ebers Papyrus



1639 Protective clothing worn by doctors during plague epidemics



1796 Edward Jenner Smallpox vaccination



1953 Decoding of DNA

The exhibit shows the early history of medicine starting with the Gods, then the Church, discoveries by medical pioneers, the never-ending fight against infectious diseases that have killed more people than all wars combined, other diseases and disabilities, and the groups of people providing health services world-wide both in peace-time and in war.

PLAN

1. Early History

(Fr. 1)

The Gods, The Church, Non-Western Medicine, Alternative Medicine

2. Medicine – A Science

(Fr. 1)

Early Physicians, Learning from the Dead, Heart & Circulation

3. Early Pioneers

(Fr. 2)

Chest Diseases, Surgery, Anaesthetics, Diabetes, X-Rays & Radium, Women Doctors

4. Infectious Diseases

(Fr. 2 - 5)

Quarantine, Disinfection of Mail, Public Health, Medical Statistics

4.1 Diseases Spread by Water

(Fr. 3)

Cholera, Typhoid, Poliomyelitis

4.2 Diseases Spread by Airborne Droplets

(Fr. 3 - 4)

Tuberculosis, Smallpox, Chickenpox, Measles, Diphtheria, Leprosy, Influenza

4.3 Sexually Transmitted Diseases

(Fr. 5)

4.4 Diseases Spread by Insect Bites

(Fr. 5)

Malaria, Yellow Fever, Sleeping Sickness, Plague, Typhus

4.5 Zoonosis & Rabies

(Fr. 5)

5. Specialised Medicine

(Fr. 6 - 7)

Maternity & Child Health, Dental Health, Cancer, Mental Health, Disabilities, Blood Transfusions, Organ Transplants

6. Caring for the Sick

(Fr. 7 - 8)

Hospitals, Doctors, Nursing, Medicine & War, Medical Tax

7. Pharmacology

(Fr. 8)

Medicinal Plants, Narcotics, Alcohol,

8. Where to Now? RNA, DNA & Beyond

(Fr. 8)

Philatelic information is in italics and the most significant and rare items are matted on red.

Main References:

- R. Porter: "The Greatest Benefit to Mankind – A Medical History", Fontana Press, London 1997
 M. Dobson: "Disease – The Extraordinary Stories Behind History's Deadliest Killers", Quercus, London 2007
 B.E. & D.J. Zimmerman: "Killer Germs", Contemporary Books, New York 2003
 H. Zinsser: "Rats, Lice & History", Routledge, 1935.
 G. Barakoff: "The Concept of Disease", MIT Press, 2016

THE BIG DIFFERENCE

- Big Difference to other classes is the allowance of up to 50% non-philatelic material
- **But it doesn't have to be 50% - depends on what suits the story**
- How is it measured?
 - NOT by counting number of items
 - Non-philatelic material must not overwhelm the philatelic material
 - appearance a guide
 - If in doubt – count non-philatelic material by half-pages

NON-PHILATELIC ITEMS

- Need Variety and Balance
- Must be Original and owned by the exhibitor
- Examples:
 - Banknotes
 - Newspaper cuttings - Photographs
 - Cigarette Cards
 - Beer mats
 - Picture Postcards using picture side only
- 3-D material - must fit in the frames – maximum 5mm thick
- Must not include dangerous, prohibited or offensive material

The Itinerant Doctor at Tien-sing



Drawn by T. Allom.

Engraved by P. Lifford.

An Itinerant Doctor at Tien-sing.
China.

Docteur ambulante à Tien-sing.

Der wandernde Doctor, zu Tien-sing.

The importance of a visiting doctor is shown in the engraving: the Doctor's arrival was a great "social event". The Doctor's trappings are displayed, he has two enthusiastic assistants each holding a snake and his pills and potions are set out on the table.

Engraving from a drawing by Thomas Allom 1804-1872. This is from "*China Illustrated*", his 4 volume book of 143 engravings published in England between 1843 and 1847.

INFECTIOUS DISEASES

Sleeping Sickness

Caused by a parasitic protozoan genus *Trypanosoma*
- only mammals can be infected.



Eugene Jamot 1879-1937

French Entomologist – worked in the Cameroons in charge of a **sleeping sickness station** and helped eradicate the **tsetse fly** thus reducing the number of people affected. *Surcharge for Red Cross Fund. Special cancel First Day of Issue. Card: Editions CEF, Nice*



Tsetse Fly

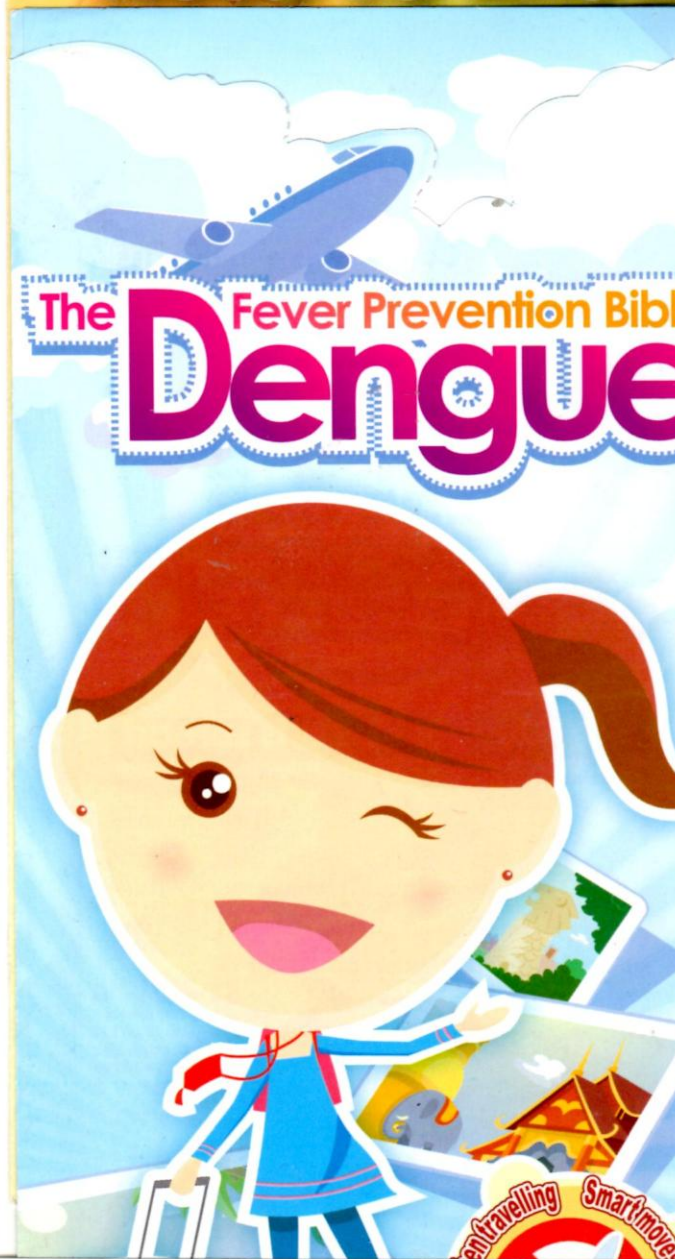


Dr. Peter McCann

One of the doctors and scientists who helped to develop a **cure for Sleeping Sickness**

OTHER INSECT BORNE DISEASES

West Nile Virus What You Need To Know



West Nile Virus and Dengue Fever

Both diseases are transmitted to humans by mosquito bites. Leaflets about the diseases – their geographic distribution, incubation period, symptoms, treatment and how to prevent them are displayed prominently at many international airports.

THE SOUVENIR.

AND TRUTH DIFFUSE HER RADIANCE THROUGH THE PRESS.

VOL. I.

PHILADELPHIA, APRIL 23, 1828.

NO. 43

"Well, my good woman," said the Doctor, "how is your husband to day? better no doubt."
"Oh, yes, surely," answered the woman. "He is as well as ever, and gone to the field." "I thought so," continued Monsieur Le Docteur. "The leeches have cured him! Wonderful effect they have! You got the leeches of course."

"Oh, yes, Monsieur Le Docteur, they did him a deal of good, though he could not take them all."

"Take them all!" cried our friend; "Why my good woman, how did you apply them?"

"Oh, I managed nicely," said the wife, looking quite contented with herself. "For variety's sake, I boiled one half and made a fry of the other. The first he got down very well, but the second made him very sick. But what he took was quite enough," continued she, seeing some horror in the Doctor's countenance, "for he was better the next morning, and to day he is quite well."

"Umph!" said the doctor, with a sapient shake of the head. "If they have cured him, that is sufficient: but they would have been better applied externally."

The woman replied, she would do so next time; and I doubt not that if ever fate throws a score of unfortunate leeches into her power again, she will make a poultice of them.

Leeches have been used for hundreds of years but like all other remedies, the patient **MUST** be instructed in their correct use – normally by the pharmacist or doctor.

Report in the April 23, 1828 edition of the Philadelphia paper "**THE SOUVENIR**" of unusual use of leeches in Brittany, France.

The patient was prescribed 20 leeches to cure a sore throat. On a return visit the patient's wife advised that "**they did him a deal of good**" and "**For variety's sake, I boiled one half and made a fry of the other. The first he got down very well, but the second made him very sick.**"



Paris 1879: Invoice from a dealer in **Sangsues** or Leeches for supply of 5,000 leeches to an "**importer of leeches**" in Houndsditch, London.
25 centimes is the overseas letter rate

COMMERCE DE SANGSUES

MAZOYER-LAGRANGE

Rue de Rambuteau, 22.

CITÉ NOËL

PARIS

Paris, le 27 mai 1879
Monsieur Friedlander Doit

	3000 Sangsues grises, 1 ^{re} classe, 140	120		
	2000 " " " " 3 ^e	10	190	

Copy of invoice
at 70%

ORGAN TRANSPLANTS



Eduard Zirm 1863-1944

In 1906 the first person to **transplant corneas** from dead people to restore the sight of people whose corneas had become opaque.

Thailand 1978 Red Cross issue.



Organ Donation: Kidneys

have been successfully transplanted for many years.

European Dialysis & Transplantation Congress, Vienna 1990.

Donor Card

would like to help
someone to live after
my death

Keep the card with you at all times in
a place where it will be found quickly



Tear here

On the occasion of the centenary of the St John Ambulance Brigade, the Royal Mail is proud to issue a set of special stamps featuring the work of the St John Ambulance.

One of these stamps marks the valuable contribution of the St John Ambulance Air Wing in transporting donor organs and in ferrying transplant teams to remote hospitals to collect hearts, livers and lungs for transplanting into patients who would otherwise die.

More donor organs are needed, urgently.

The Royal Mail is helping the search for more organs by distributing these cards. Please sign the attached Donor Card, carry it with you and let your relatives know.

Royal Mail 1987

To celebrate 100 years of St John Ambulance Brigade these cards and a stamp were issued to recognise the **transport of donor organs by its Air Wing**.



Stamp shows donor organs carry case being handed over to an Air Wing pilot.



Urging people to donate organs to help others.

In some countries organ donation is recorded on driving licenses.

Royal Mail



Christiaan Barnard

1922-2001

Performed **first heart transplant** 3.12.1967

- patient lived 18 days.



Some transplants are still not available!

Great Britain - CARBON Series Card G22

WRITE-UP

- Title on Title Page **ONLY**
- Chapter Headings – clear & appropriate to story
- **Chapter Headings – same as in Plan**
- Font Size – text easy to read
- Don't write a book!
- Need Philatelic + Non-Philatelic information
- Perhaps Philatelic write-up in *italics*

HOSPITALS

FUNDRAISING

Hospitals are very expensive to run and maintain – fundraising is often used.

London Schools Hospital Fund: In the 1920s London's teaching hospitals were short of funds. Banners were flown on the outside of hospital buildings showing the financial position.

London Schools Hospital Fund. Hospital Stamps Purchased 1922.



Name Caroline Hayes

School Blundell St

T.W. 1/8/22. 175,000.

To raise funds, schools were issued with these cards – 175,000 were printed. **Children donated 1d a month** and received a stamp-like receipt, **each hospital having its own 'stamp'.**

1922 card used at Blundell Street School, Islington, which still exists.

Few cards survive



Western Australia: To cover hospital treatment in the depression, the Hospital Fund Act 1930 introduced a tax on wages at 1½d per £ 1 paid effective January 1931. Tax repealed in 1942 as a war relief measure.



First Issue used from January 1931 to 1939 – 12 values
per 14½ x 13½



Second Issue 1940 – 10 values perf 14.

Irish Hospitals' Trust:

>> Sweepstake run under The Public Hospitals Acts in aid of Public Hospitals which received 25% of the funds raised.

Run on 'The Cambridgeshire' horse race at Newmarket, England on 16.10.1946 – won by 'SAYANI' owned by Madame J Lieux.

Irish Hospitals' Sweepstake Ticket

HELD UNDER THE PUBLIC HOSPITALS' ACTS OF IRELAND, CONDUCTED AND MANAGED BY THE HOSPITALS' COMMITTEE, UNDER THE CHAIRMANSHIP OF VISCOUNT POWERSCOURT.

THE CAMBRIDGESHIRE

RUN AT NEWMARKET, ENGLAND

16TH OCTOBER 1946

TO BE DRAWN IN PUBLIC,
UNDER THE SUPERVISION OF
THE CHIEF COMMISSIONER
OF POLICE, AT DUBLIN, ON
11TH OCTOBER 1946.

SUBSCRIPTION

10/-

TEN SHILLINGS
STERLING

SUBSCRIBERS SHOULD NOTIFY THE
COMMITTEE HEADQUARTERS, BALLS
BRIDGE, DUBLIN, OF FAILURE TO
RECEIVE AN ACKNOWLEDGMENT

EVERY PRIZEWINNER WILL BE NOTIFIED
OFFICIALLY AND DRAWLISTS PUBLISHED

HEADQUARTERS HOSPITALS' TRUST (1946) LTD, BALLSBRIDGE, DUBLIN, IRE

WARNING: DO NOT PURCHASE THIS TICKET UNLESS THE "SELLER"
IS KNOWN TO YOU AS A TRUSTWORTHY PERSON. EXAMINE THE

AD 02632

SENSORY DISABILITIES

SIGHT

Sight – The ability to see is something we take for granted.

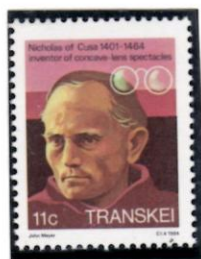
EYE – Suffolk, England

Name derived from an Old
Old English word for 'island'.



Stamp shows Horus and Buto.
Horus was an Egyptian god who
lost an eye in a fight – it was
restored by Thoth.

15th Ophthalmological Congress 1937



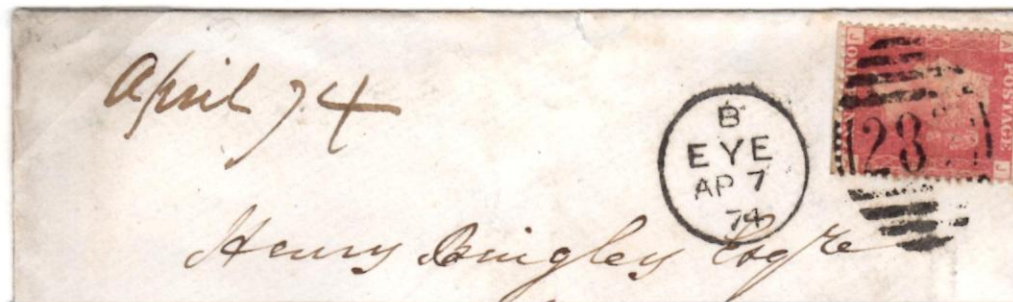
Nicholas of Cusa 1401-1464
Florentine Monk – invented
spectacles – demand was
light until printing invented.
light until printing invented.



Hermann von Helmholtz
1821-1894
Army surgeon best
known as **inventor of**
the ophthalmoscope.



People with little or no vision can have a
degree of independence by using either
a white cane or a guide dog.



Posted 7.4.1874 – EYE barred oval cancel '287' – allocated in 1844. 1d red plate 103.



Valentin Haüy 1745-1822
After seeing some blind men
being ridiculed in Paris, he
established a **school for the**
blind – opened 1784. Haüy
printed embossed text – a
forerunner to Braille.



Louis Braille 1809-1852
Improved Haüy's embossed
text to produce Braille an
embossed dots system used
worldwide to enable blind people
to read.

11567



اليوم العالمي
للعصا البيضاء
١٥ أكتوبر



THE
INTERNATIONAL
WHITE CANE DAY
15th OCTOBER



Miniature sheet for White Cane Day 15 October 2004
with Braille inscription

PHILATELIC CONTENT

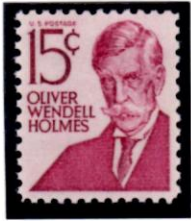
- Must show a wide **variety of philatelic material** – postage stamps, postal stationery, postmarks, revenue stamps
- Include a small philatelic study - e.g.
 - South Africa WWII full size stamps + bantams
 - Normal stamps + overprinted stamps
- **Must show philatelic knowledge in selection of material and write-up**

5. SPECIALISED MEDICINE

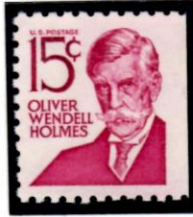
MATERNITY & CHILD HEALTH

For many years most treatment was by a physician or a surgeon – they delivered babies, extracted teeth, sewed up wounds and set fractured limbs. Gradually specialist areas developed.

MATERNITY & CHILD HEALTH: Before the mid-19th century maternity care for the poor carried a very high **mortality rate of over 29%** in some hospitals.



Sheet stamp
8 March 1968
p.11x10½



Booklet stamp
14 June 1978
p.10 smaller size
'15' closer to head



Coil stamp
14 June 1978
p.10

O. Wendell Holmes 1809-1894
1843 – thought “childbed fever” was passed from one woman to another by doctors. Suggested they **wash their hands in chlorinated lime** and changing their frock coats between autopsies and deliveries.

Ignaz Semmelweis 1818-1865

Concerned at high puerperal sepsis – thought medical students carried infection from the dissecting room to delivery rooms. **1847** – students told to **wash their hands in chlorinated lime** – **mortality rate fell to 1%**.

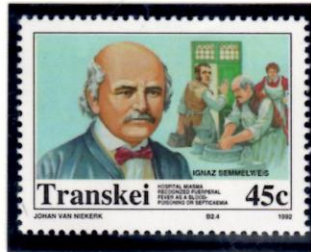


United Kingdom:
2,000 babies are delivered every day.



Virginia Apgar 1909-1974
Devised '**Apgar Score**' to evaluate newborn babies' health – a low score showed a need for closer observation.

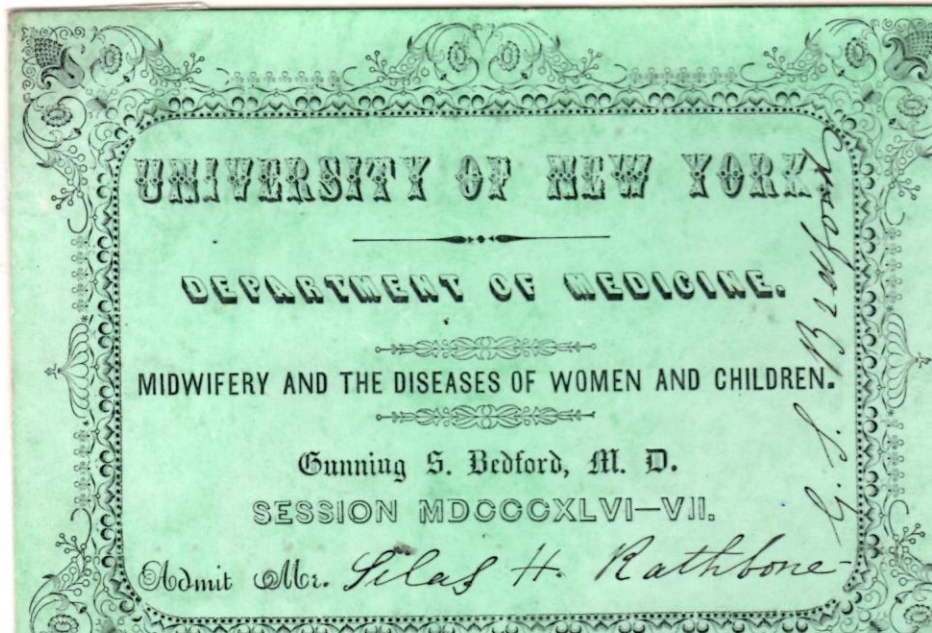
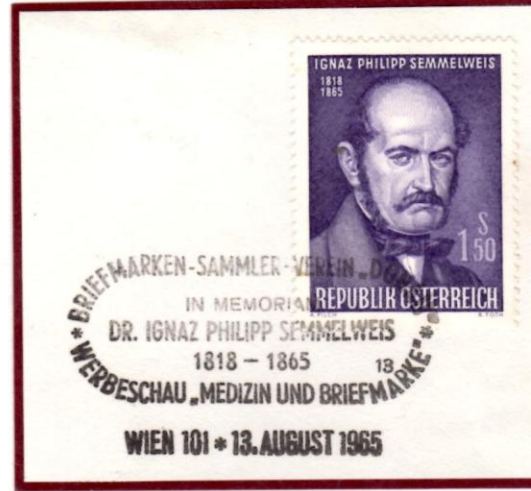
New York University 1846 >>>
Permit to attend lectures on **"Midwifery and the Diseases of Women and Children"**.



At right – special cancel
100 years after his death.

When difficulties arise during delivery, a **Caesarean Section** is performed. Julius Caesar is said to have been delivered this way. The first recorded Caesarean under ether was at St Bartholomew's Hospital in London in January 1847.

Stamp shows Caesarean Section being performed.



FIGHT AGAINST CANCER



U.S.A. 1998:

Only stamp to include a donation to cancer research.

Stamp cost 40c –

Postage 34c, 6c split:

70% to Cancer Institute &

30% to Dept of Defense

for breast cancer research.



U.S.A. 1996: "Tab" advertising Cancer Information Service
Pink ribbon is the symbol of the Breast Cancer Society



Australia 1997: "Tab" advertising Cancer Information Service - telephone number '131120'.

PROSTATE CANCER



U.S.A. 1999:

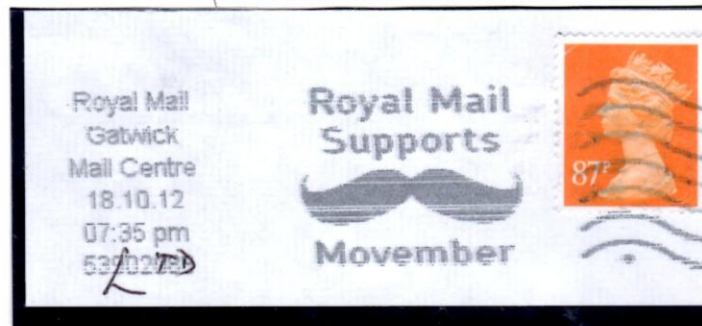
Encourages annual check-ups and tests.

British Royal Mail Group and its employees have raised enough funds to employ the **first specialist prostate cancer nurse** to provide support for men with prostate cancer and their families.

The company matches the amount raised by its employees.

"Movember"

Great Britain 2012 slogan showing Royal Mail supports '**Movember**' - a cancer fund raiser. Men get sponsors for growing moustaches during November with a competition for the best and longest moustache - people then pay to shave them off. Gatwick Mail Centre 18.10.12



Great Britain 2013 slogan showing that Royal Mail supports '**Prostate Cancer UK**'

Bilingual English & Welsh place names. >>



HOSPITALS

"Water" as a medical treatment: For over 2,000 years people have sought a cure for illness using water. Many institutions were built to treat patients using thermal waters.



Nevis – Medicinal Spring. A small island in British West Indies discovered by Columbus in 1498. With hot springs it was for a short time famous as a health resort.

Image of the hot spring is part of the island's Coat of Arms - shown on stamps and postal stationery.

Stamp issued 1876, lithographed by transfer from engraved plates by Nissen & Parker, London.

Reply Paid postal card 1904, printed by De La Rue for St Kitts-Nevis. In 1980 name changed back to Nevis only. Newspaper wrapper with same design.

Indicium on card – redrawn design compared to earlier Nevis stamps.



The Romans made **Bath**, England, popular as a water treatment centre.

Slogan cancel 1967 to Celebrate 2000 years of the Roman Baths.



Bath Building, Rotorua
Built 1907 by Tourist & Publicity Dept. Rotorua is famous for its use of **thermal waters in treating arthritis.**

Stamp for Rotorua Centenary 1980 shows the Bath Building



<<
Sebastian Kneipp

1821-1897

Bavarian priest - one of founders of naturopathic medicine movement. He advocated walking barefoot in the early morning dew.

Stamp issued 4.5.1982 for International Kneipp Congress in Vienna.

Printing on card says 'MaxiCard But it is only a concordance of ideas, not a visual concordance as required for a maxicard.'

INFECTIOUS DISEASES

In the U.S.A. registered **prostitutes** **were checked** to ensure they did not have sexually transmittable diseases.

FROM

DR.

Nevad.



POSTMASTER—"Specimen for Bacteriological Examination." This package to be Pouched with Letter Mail.

W

To



STATE HYGIENIC LABORATORY

Box 719

RENO

Nevada

Pre-cancelled wrappers used to mail specimens taken from prostitutes.

August von Wassermann 1866-1925 developed a blood test specifically to identify Venereal Disease - the **Wassermann Test** is still used.

Wrapper addressed to State Board Of Health, Wasserman Department

>>>>

Under the Postal Laws and Regulations such laboratory specimens were handled as 1st Class mail, though postage was charged at 3rd or 4th Class mail rates.



Nevada State brothel transaction tax or "Sin Tax" assessed at \$5 per \$100 of transactions. Issued August 2003.

SEXUALLY TRANSMITTED

Card given to American soldiers in 1917

- they would be court-martialled if they contracted venereal disease through neglect.

READ BOTH SIDES - CARRY IN POCKET

Extract from General Orders, A. E. F. No. 6, July 2nd, 1917

"The authorities having provided every necessary means to protect the men from venereal disease, one who contracts the same is guilty of a serious offense under the 96th Article of War. He should be tried by court-martial for contracting venereal disease through neglect, thereby unfitting himself for a military duty against the enemy, and should be severely punished".

BY COMMAND OF GENERAL PERSHING

NOTE : Prophylactic treatment within 3 hours exposure is practically 100 % proof against venereal disease. It is absolutely harmless and the fact that a man has taken such treatment will not be used as evidence against him in case of a court-martial. All persons after exposure are advised to take it, thereby remain healthy, avoid a court-martial and forfeit no pay.

W. D. CONNOR,
BRIGADIER GENERAL,
COMMANDING.

The reverse of the card lists places in and around Bordeaux where treatment available.

SPECIMEN FOR BACTERIOLOGICAL EXAMINATION
See order 176, P. O. D. March 2, 1900

PROPERTY OF STATE BOARD OF HEALTH

FROM

D. A. B. Sharples
P.O. Box 1, Houston N.H.



No.

LETTER MAIL

To return this
to the
Laboratory
requires



State Board of Health
(WASSERMANN DEPARTMENT)

TREATMENT

- **Title + Plan** 10 points
 - correct title + good plan
- **Treatment** 20 points
 - the STORY – how well is it told?
- **PRESENTATION** – Does it look good + attractive
 - only 5 points but good
 - Presentation worth more

KNOWLEDGE + RESEARCH

- Philatelic - 20 points
- Non-Philatelic = Subject
- 15 points
- **Both must be clearly shown
through choice of material and
write-up**

MATERIAL

- **Condition** 10 points
 - Good condition is important
 - Philatelic + Non-philatelic items
- **Rarity** 20 points
 - Make sure Rarity is explained
and rare items easily seen
 - Philatelic + Non-philatelic items
- **Rare item in bad condition =**
+ 1 point for Rarity and – 1 point
for Condition

PHILATELIC STUDIES

- Some examples

INFECTIOUS DISEASES

YELLOW FEVER



Normal stamp issued 1976

HORIZONTAL PERFORATION SHIFTED UP 4 mm – words 'She gave her life' appear at top instead of **bottom** with second set in bottom sheet margin.

Clara Maass 1876-1901

U.S. Army nurse who **took part in trials** to prove that mosquitoes carried yellow fever - received the vaccine, was bitten, had a slight illness.

She **volunteered to be bitten again** – died of yellow fever 1901.



Honoured by Cuba in 1952

- 50 years after her death.



"**Yellow Fever**" – by Juan M Blanes - painting hangs in the Montevideo Municipal Museum.

Tab with title of picture and 'Day of the Artist' 8 June 1971



Printed by U.S. Bureau of Engraving & Printing Mint single – from **Wet Printing** 3.10.1928 – yellow-green. Used copy in less yellow shade.

Plate Block of 6 – from later **Dry Printing** – in green – thicker, whiter paper with higher sheen on surface. Design stands out more clearly.

IMPORTANT. Inoculation Certificate. R.A.F. Form 1657A

This Certificate must be retained, carried on the person, and produced for inspection when required.

Certified that No. NZ.415997 Rank... F/Sgt...

Name... Gould... was inoculated against Yellow Fever on (date)

Signature of Medical Officer } [Signature] S/L
Registered Qualifications } M.D.

(UNIT STAMP) Batch 137. (C47367)

Yellow Fever Vaccination Certificate

Issued 1943 by the Royal Air Force.



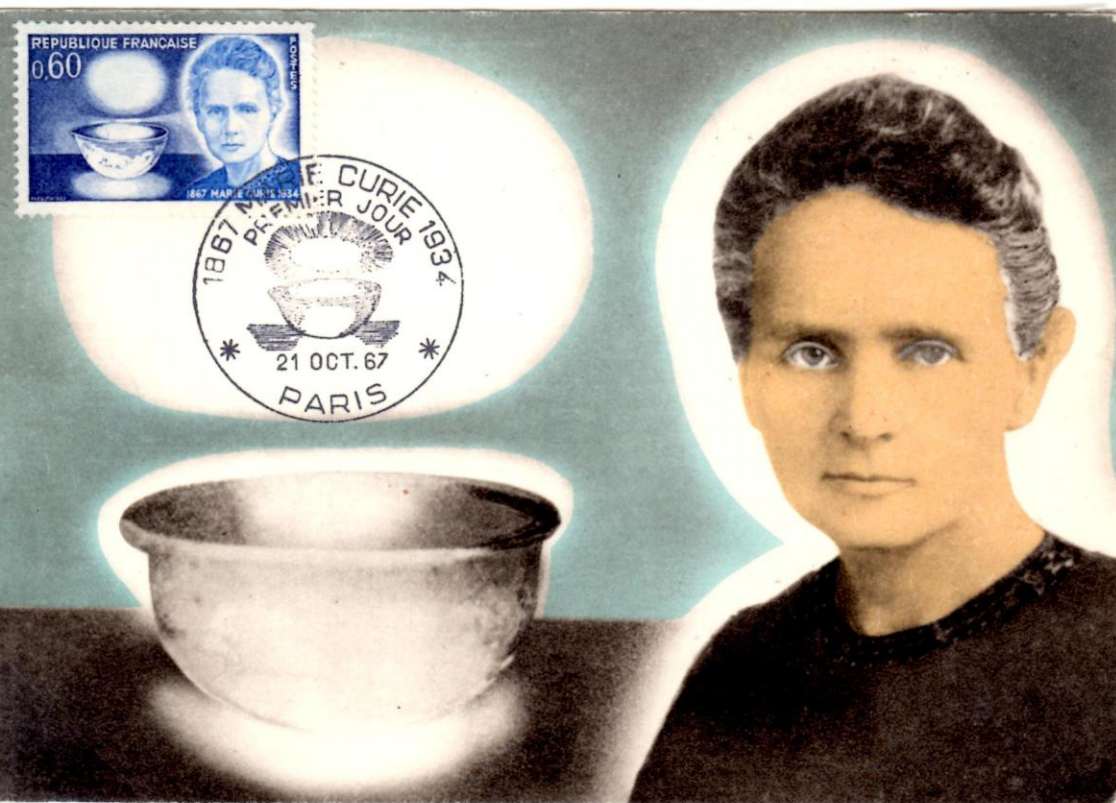
William Gorgas 1854-1920

U.S. Army doctor – by destroying the mosquito breeding areas, **yellow fever** was controlled, permitting construction of the Panama Canal.

He was knighted on his death bed by King George V of the United Kingdom.

EARLY PIONEERS

RADIUM



Maximum Card
of Marie Curie

Card: Institut du
Radium, Paris.

Stamp: 1967 on
birth centenary.

Special Cancel
First Day of Issue
21 Oct 1967.

Stamp design used
for French colonies



Marie Curie 1867-1934 & Pierre Curie 1859-1906

Pierre and Marie were married in 1895 – they worked tirelessly together and discovered **Polonium** and **Radium** 1898. **Radium is used to treat cancer** and has many industrial uses. Marie died of anaemia due to over exposure to radium. **1903:** joint Nobel Prizes for Physics. **1911:** Marie, 2nd Nobel Prize for Chemistry.

Pierre Curie shown with equipment used to extract radium from Pitchblend. He died on being run over by a cart in Paris.



Trade card of R & J Hill Ltd, London:
'**Extracting Radium from Pitchblend.**'
Wrong initial at top of card.



Frederic & Irene Joliot-Curie
Son-in-law and daughter
continued the work begun by
Pierre and Marie Curie and
jointly awarded the Nobel Prize
for Chemistry in 1935 – **third
Nobel Prize for Curie family.**

Otto Hahn 1879-1968

German industrial chemist
discovered **ionium** and
mesothorium - used for
radio-therapy treatment
of cancer at only **half the
cost of radium.** Nobel
Prize for Chemistry 1944.



Trade in Drugs dates back to 23 AD and provided an obvious way to raise funds. The money raised from early medical taxes was often used to pay off war debts. **The Medicine Stamp Act 1783** applied a **tax on patent medicines** with the money used to **pay off debts of the Napoleonic War**.



1805: Proof of Medicine Duty stamp, Die 23. Registered 21.6.1805. I P Heath, Nottingham was part of the Heath family of which Charles and Frederick engraved the 1d. Black.

Congreve Printing Process

From 1823 Congreve machines at Somerset House were used to print a new design medical tax stamp. The Congreve Process used two interlocking plates to print two colours at the same time with exact registration – they were machine engraved with very complex patterns to prevent forgery. In 1862 the contract was obtained by De la Rue but still issued by the Commissioner of Stamps at Somerset House.



Specimen: Wording added at top – THIS STAMP IMPLIES NO GOVERNMENT GUARANTEE – *registered May 1885*

1885:

'G'
at left



Medicine taxes in 1885 raised £ 169,988

Brown's Bronchial Troches - *appropriated die* - manufactured by John I. Brown & Son, Boston, US, but sold in Great Britain. *'Year letter' inserted at left.*

Disclaimer THIS STAMP IMPLIES NO GOVERNMENT GUARANTEE *now within circle at centre.*



Forgeries: Counterfeits were widespread despite the death penalty for forgers of duty stamps under the Medicine Stamp Act, 1804. *Fake labels are crudely drawn and registration is poor.*

Forgery of a stamp purporting to be from Dr John Hooper who was an apothecary and male midwife in

- RARE ITEMS

INFECTIOUS DISEASES

Plague: Bubonic Plague was rampant in Bombay in 1896. Russian scientist Waldemar Haffkine working in Bombay developed a vaccine and thousands were successfully inoculated. He was appointed Director of the Plague Laboratory in Bombay – now called the Haffkine Institute.

DISINFECTION OF MAIL

Indian postcard Bombay 2.1.1897 to New York arrived on White Star Line s.s. *Britannic*.

Indian mail disinfected in New York
**HEALTH OFFICERS'
DEPARTMENT / STATE
OF NEW YORK /
DISINFECTED /
JAN 30 1897**

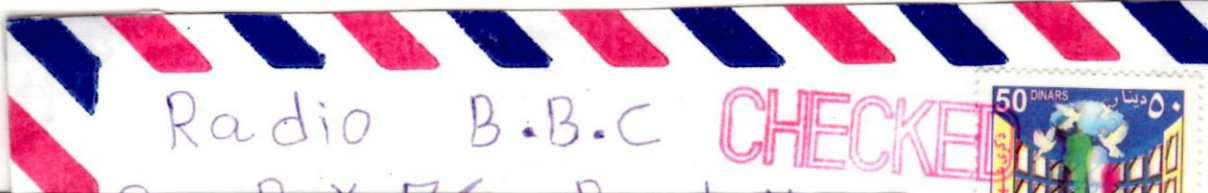
Circular cachet used one day only.

**One of very few examples
recorded of this marking.**

Items below:

Anthrax: In the U.S.A. Anthrax attacks started on 18.9.2001 – mail was deliberately contaminated with Anthrax spores, killing 5 people and infecting 17 others.

On 17.10.2001 mail to the BBC World Service was seen to contain powder. Fear of Anthrax spores being mailed to the BBC resulted in **diversion of all mail to a special facility for opening**. After checking, envelopes were either stamped '**CHECKED**' and resealed or sent for irradiation.



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ADDRESS SERVICE REQUESTED

Call NOW for
available dates
in November and
December 2001 and
January 2002.

1-800-634-6753 or
702-794-9412.

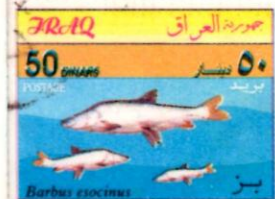
Be sure to mention
this card.

John Conti
1000 Independence Ave S
Washington DC 20585-001

PRESORTED
FIRST-CLASS MAIL
U.S. POSTAGE
PAID
RIVIERA

P123-7H-075

MAIL
SANITIZED



U.S. internal mail with cachet "**MAIL/SANITIZED**" indicating subjected to irradiation.

**Anthrax spores can be killed by irradiation
for one minute at a rate 1,000 times greater
than used for cancer treatment.**

Cape of Good Hope – smallpox introduced from Portuguese slave ship – mass vaccination.

Letter of 29 March 1812, carried by the ship *Lion*, to Llandoverly, South Wales **describes the outbreak:**

"The Colony has been thrown into considerable alarm by the appearance of Small Pox ... introduced from a Portuguese Slave Ship confiscated for irregularity in her papers and then having landed in compliance with the Act of Abolition. In the year 1766 a third of the population was carried off by it and until this instance it has not occurred since.

"... at present there are only forty two affected and all doing well – vaccination will save the lives of thousands ...; from its first discovery it has been adopted here but as in England people have from prejudice or religion paid less attention to it than they ought to have done. Within the last week the whole of the Town, and amounting to thousands, have crowded to the place when the benefit was held out to them.

"The Medical Team are now dispersing themselves through the country ... Few opportunities of trying its efficacy so good as this could have happened. ... few of the Africans could have had the small pox the only protection therefore is the vaccine."

[Words underlined for emphasis]

for what is defective in us. – The Colony has been thrown into considerable alarm by the appearance of the Small Pox which has been unfortunately introduced from a Portuguese Slave Ship confiscated for irregularity in her papers and then having landed in compliance with the Act of Abolition. In the year 1766 a third of the population was carried off by it and until this instance it has not occurred since. The first case was reported on the 15th instant, and at present there are only forty two affected and all doing well – vaccination will save the lives of thousands under the blessing of God; from its first discovery it has been adopted here. But as in England people have from prejudice or religious prejudice paid less attention to it than they ought to have done. However within the last week the whole of the Town, and amounting to thousands, have crowded to the place when the benefit was held out to them. The Medical Men are now dispersing themselves through the country and in a short time it is supposed the whole of the Colony will have been vaccinated. – Few opportunities

Postage to England prepaid 2 skilling (= 1/-) in red.

Postage from Portsmouth to Llandoverly to pay 1/3d. in black.
Rate made up of 4d. incoming ship letter charge + 11d. mileage rate for 230-300 miles – Portsmouth-London-Llandoverly is 267 miles.
No indication of the "Captain's pence" being accounted.

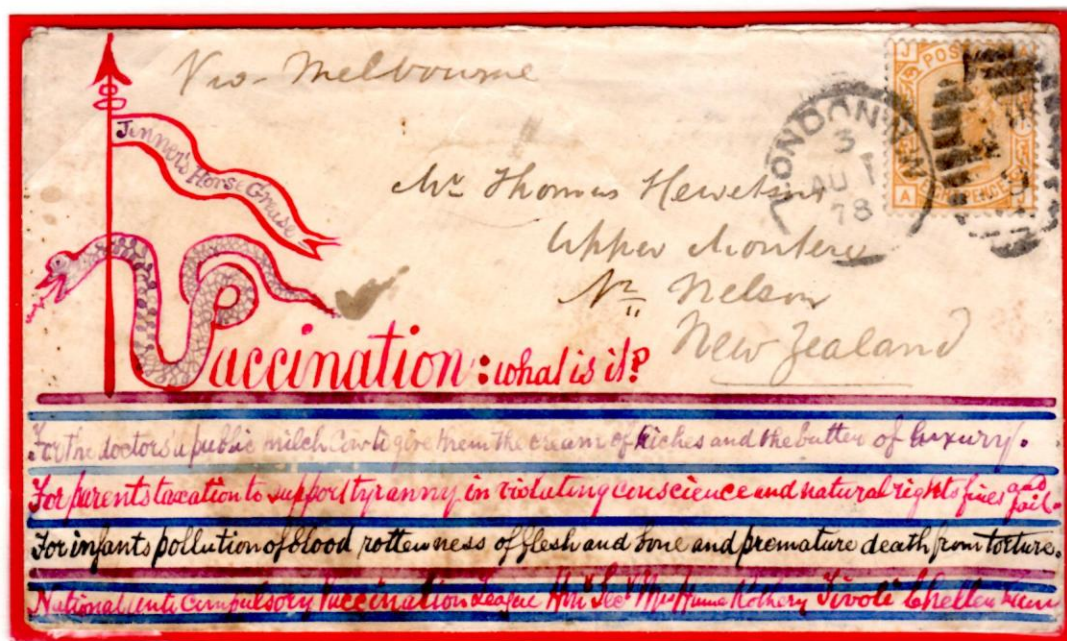
Oval "Ship Letter / Cape of Good Hope" (used 1808-1840) and oval "Ship Letter / Portsmouth" (2nd type oval with wide angular crown used 1802-1849).

Edward Jones Junr
Llandoverly

INFECTIOUS DISEASES

ANTI-VACCINATION

Anti-vaccination message on 1878 hand-illustrated letter to New Zealand via Melbourne.



8d. per ½ ounce is the letter rate via Marseille effective 1 July 1876.

<<

For doctors - riches and luxury
For parents - fines and jail
For infants - premature death from torture.

One of the main opponents was a watch-maker Joseph Abel of the "**Hume-Rothery's League Against Vaccination**". Many of these illustrated envelopes were addressed to Joseph Abel – the cover above shows **unusual usage to New Zealand**.

1904 smallpox scare in New Zealand - the writer's main concern was the large amount of money earned by the doctors.

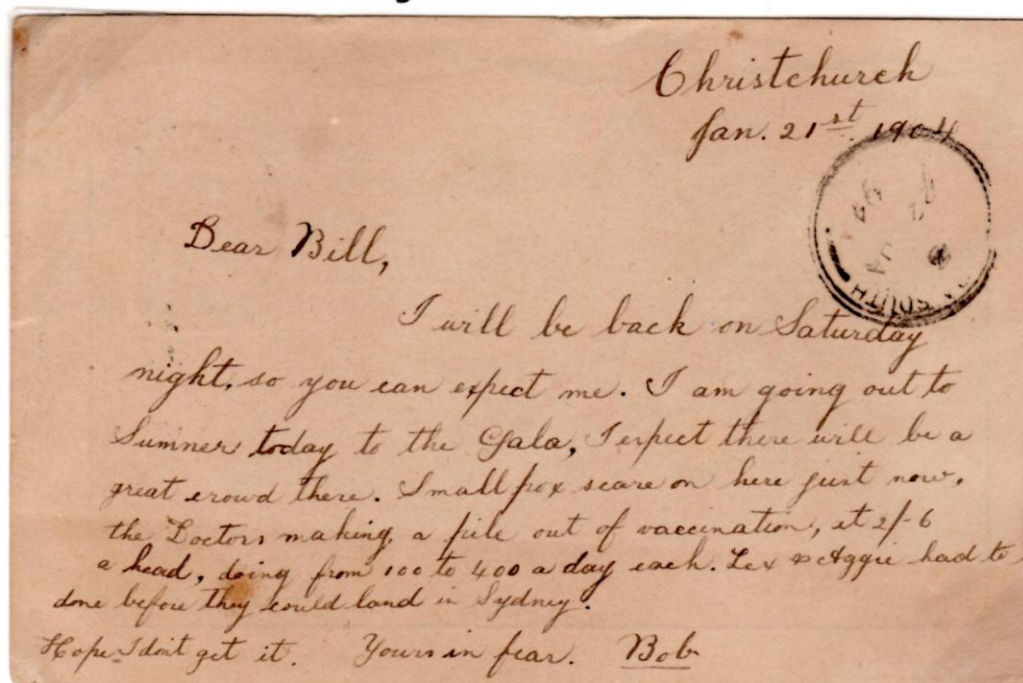
K. Edward VII 1d postal card issued 23.2.03- used 21.1.04



1911 - 3rd World Congress of Housewives Against Vaccination – Frankfurt.

World Health Organisation played a major role in the eradication of smallpox by encouraging vaccination in every country.

Imperforate colour trial



In 1974 in Bihar there were 10,000 new smallpox cases

Worldwide no new cases notified since 1979.



To render this souvenir of the Commemoration complete, the above design has been prepared. The spaces are intended to receive specimens of the Diamond Jubilee Hospital Stamps issued through all Booksellers and Stationers under the auspices of the Organising Committee of the Prince of Wales's Hospital Fund.

Prince of Wales Hospital Fund for London

1897 labels issued to commemorate Queen Victoria's Diamond Jubilee and raise money for the fund bearing the name of her son, later King Edward VII. Special envelope below – few have survived.

Philatelists objected to a second issue in 1898 – few were sold.



1837 .. QUEEN VICTORIA'S COMMEMORATION .. 1897

(Prince of Wales's Hospital Fund for London)

STAMPS.



Queen Victoria also founded the Jubilee Institute for Nurses in 1889 with an endowment of £70,000. >>

WHERE TO NOW ?

D.N.A and BEYOND



<<

James Watson 1928- & Francis Crick 1916-2004
In 1953 they found the D.N.A. of all species was composed of two helical chains – **the double helix**. This has helped in the understanding of many diseases and in solving forensic science problems. With M Wilkins, they received Nobel Prize in Physiology or Medicine 1962.

Maximum card showing Watson & Crick with model of double helix first photographed by Rosalind Franklin who suggested was a double chain, not three as previously thought. Stamp issued 50 years after its discovery.



2007 The Year of Biology

Korea recognised the advances which had been made in how genes caused disease and how they could be used to provide cure.

Is this science fiction or can it happen?

Card from TechNyou,
Melbourne University

On reverse of card:
"Nano- and biotechnologies are on the verge of allowing us to go beyond the limits of human biology. Living longer, defying disease, boosting brain power and athletic ability are within our grasp."

"Is there anything wrong with this possibility? What are acceptable and unacceptable enhancements?"

**MEDICAL
ADVANCES
CONTINUE.....**



VALUE OF OPEN PHILATELY

- **Encourages** people to try Exhibiting – they think “I could do that!”
- **Enjoyed** by everyone – the exhibitor, the judges and the General Public – they can all understand it
- **Makes Philately a more acceptable hobby to the public**

WHY NOT HAVE A GO ?