


From Cutting of the Stone to Robotical Prostatectomy

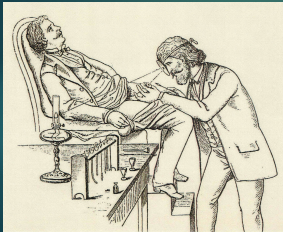
THE HISTORY OF UROLOGY IN BELGIUM



Johan J. MATTELAER
History Office E.A.U.

Ostend 29/11/2019

History is reflexion



- 1965 first stay in the urological department of Urology, Prof. Cibert in Lyon
- 1969 Started as Urologist in Kortrijk
- Treasurer, vice-president, president Belgische Vereniging voor Urologie
- Vice-Président, Président Société Belge d'Urologie
- Belgian delegate and Secretary elect EBU
- History office of the EAU since 1992 De Historia Urologiae Europaeae

Uroscopy is the oldest diagnostic tool in mankind



Urological operations are the oldest in mankind

Circumcision

The oldest and today the most performed





In Jews and Muslims





But also in primitive cultures and today in newborns USA, Canada, The Philippines, Malaysia...

Cutting for the stone more difficult!



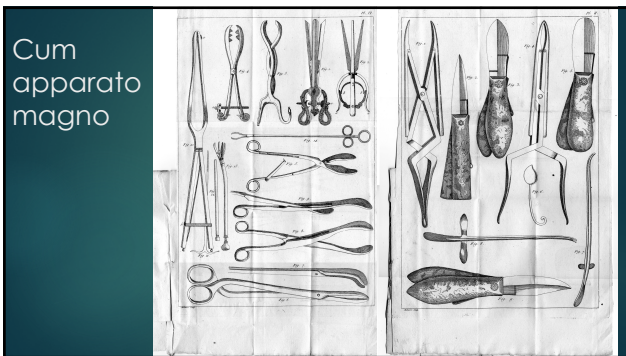
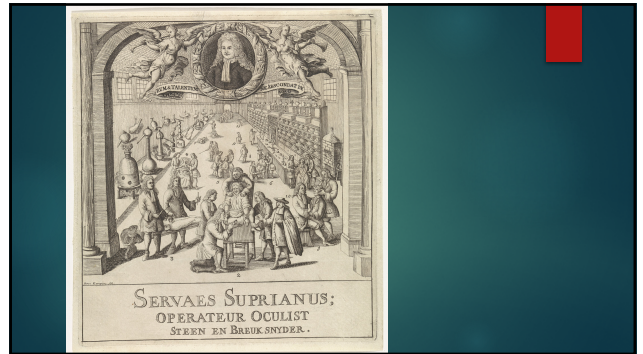
By Barbers and Surgeons
Not by medical doctors



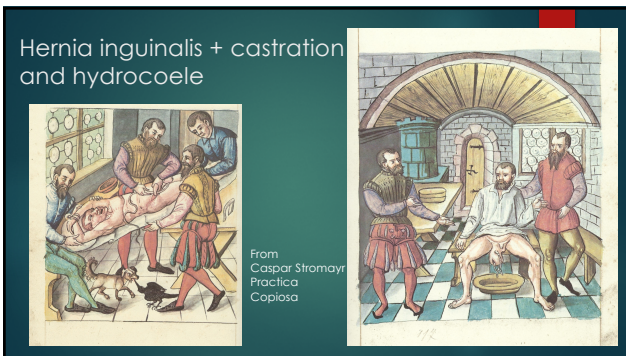
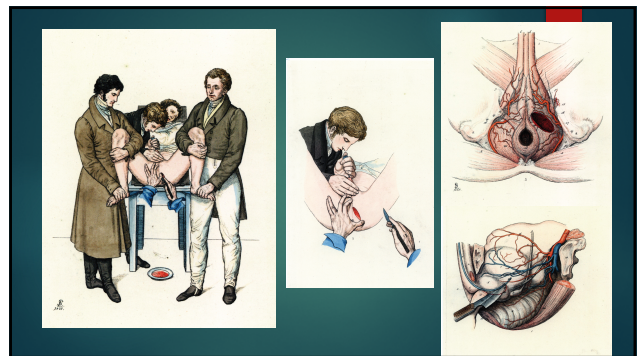



► Cum
apparato
parvo

► Frère
Jacques



Cum
apparato
magno



Hernia inguinalis + castration
and hydrocoele

From
Caspar Stromayer
Practica
Copiosa

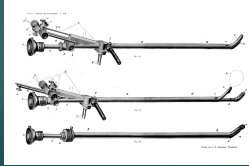


But all these operations were performed
by general surgeons or barbers
= fantasy of urological historians

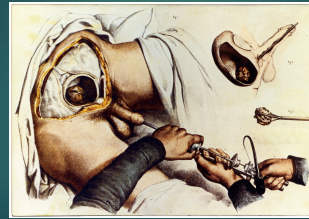
To day
PROTO-UROLOGY

Birth of real urology

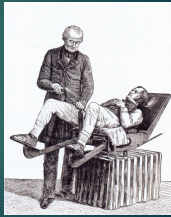
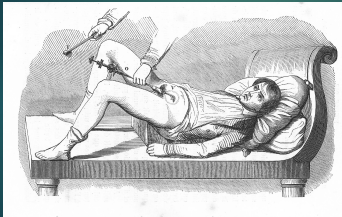
- 1* Endoscopic crushing of bladder stones
- 2* Cystoscopy: a direct view into the bladder
- 3* Independant departments of Urology



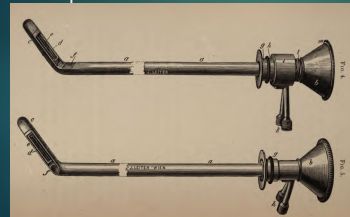
1. Endoscopic crushing of bladder stones - lithotripsy



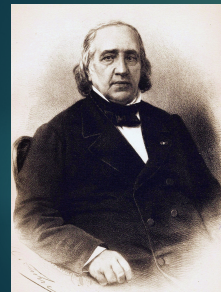
Heurteloup



2. Looking directly into the bladder – cystoscopy presented in 1879



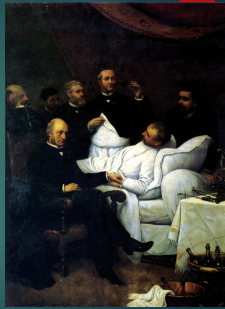
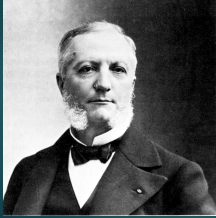
3. The first independant urological departments



On February 4th 1824 the French surgeon Civiale performed the first lithotripsy in a living person

It was the reason for founding "le service des calculoux" in Hôpital Necker in 1829

"Le service des calculeux" was taken over by Desormeaux during 5 years and in 1867 by Félix Guyon (1831 – 1920)



Painting "Après l'opération de la lithotritie" By Eduard Bisson

PREMIERE SESSION
DE
L'UNION FRANCAISE D'UROLOGIE
PARIS, 1896

1896

PREMIER CONGRES
DE
L'ASSOCIATION INTERNATIONALE
D'UROLOGIE
PARIS, 20 Septembre - 5 Octobre 1908

1908



Urology in Belgium

The first Belgian surgeon that focused on urology was **André Uyterhoeven (1799-1869)**, *chirurgien en chef des Hôpitaux de Bruxelles*.

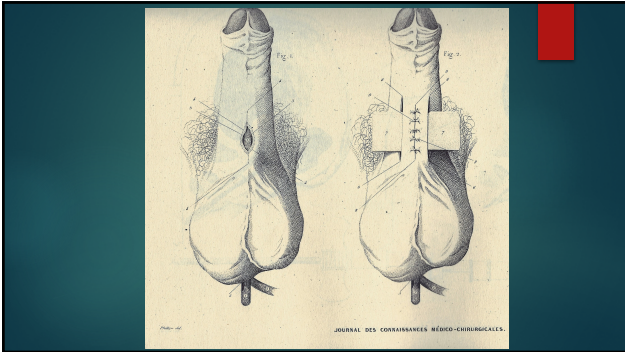
He travelled to Paris to see Civiale and Heurteloup in action with their lithotriptors.

He published in 1863 a personal method combining the advantages of lithotripsy and lithotomy.

Urology in Belgium

Charles Phillips 1811-1870
Born in Liège
trained surgery in Berlin (Dieffenbach)

Taught at the School of Medicine in Liège
Settled in Paris where he became a famous urologist.
Edited Atlas on Medical-Surgical Knowledge Paris 1849



UROLOGY IN BELGIUM

▶ The **Société Belge d'Urologie** was created on **February 3rd 1901** by **Jean Verhoogen** (Brussels) vice-president, **Antoine D'Haenens** (Brussels), secretary general and **Jozef De Keersmaecker** (Antwerp) president

Jean Verhoogen published his first report on perineal prostatectomy in March 1886

In 1908 he described the substitute cecal bladder in which the isolated cecum is joined up to the skin by the appendix

National and International Associations

- ▶ 1896 Association Française d'Urologie (AFU)
- ▶ **1901 Société Belge d'Urologie**
- ▶ 1902 American Association of Urology (AAU)
- ▶ 1906 Deutsche Gesellschaft für Urologie (DGU) (+ Austria)
- ▶ 1908 Nederlandse Vereniging voor Urologie (NVU)
- ▶ 1917 International Society of Urology (ISU)
- ▶ 1920 Section within the Royal Society of Medicine (RSM)
- ▶ 1945 British Association of Urological Surgeons (BAUS)
- ▶ 1972 European Association of Urology (EAU)

First EAU congress Padua 1974

NVU founded in 1908
SBU founded in 1901

the language of the meeting was French

- ▶ **Annales de la Société Belge d'Urologie 1901-1927**
- ▶ **Le Journal Belge d'Urologie 1928-1954**
founded by Jean Desmedt (1869-1953)
- ▶ **Acta Urologica Belgica 1954-2000**

Anciens Présidents de la Société Belge d'Urologie

1901	J. De Keersmaecker	1930	G. Lemoine	1959	R. Fievez
	Ed. De Smet		J. Van Keerbergen	1961	C. Hertoghe
	J. Verhoogen		J. Gaudy	1963	R. De Rycke
1908	L. Leclerc	1936	F. Vandenbranden	1965	J. Brenez
	A. Hogge		A. Grippenoven	1967	C. Maquinay
	Ed. D'Haenens	1939	Ed. Foret	1969	M. Bertrand
	A. Morelle	1947	R. Philippart	1971	A. Leriitte
1919	J. Desmedt	1949	F. Derom	1973	R. Quakels
1921	Delcroix-Decoster	1951	P. Mingers	1975	P. Wincqz
1923	A. D'Haenens	1953	J. Mombaerts	1977	P. Vanwelkenhuysen
	Ch. Beyer	1955	R. Defoort	1979	P. Auwray
	J. François	1957	V. Leclerc-Dandoy	1981	R. Vergison

Société Belge d'Urologie

1983	E. De Backer	2003	F.X. Wèse
1985	P. Hennebert	2005	R. Andrienne
1987	J.C. Hardy	2007	E. Wespes
1989	R.L. Vereecken	2009	B. Dardenne
1991	J. de Leval	2011	R. Van Velthoven
1993	S. Lamy	2013	Th. Pontus
1995	P. Van Cangh	2015	Luc Coppens
1997	J. Mattelaer	2017	Y. Lefebvre
1999	Cl. Schulman	2019	C. Assenmacher
2001	F. Warf		

Urological departments at Belgian Universities and professors in Urology

► LIEGE

1912 Albert Hogge (1867-1933) first professor in Urology in Belgium at the University of Liège

Succeeded by Edmond Foret (1892-1959)

Willy Gregoir temporary head in 1959-1960

1960 Charles Macquinay (1913-1981)

1981 Jean de Leval – move to the Campus Sart Tilman today: David Waltregny

► Université Libre de Bruxelles

- 1913 stimulated by Albert Hogge Leclercq Dandoy was appointed an optional course of 'Pathologie Urinaire'
- 1919 University department of Urology at Hospital St Pierre
- 1925 succeeded by Jean Desmet (1869-1953)
- 1930 succeeded by Fernand Vandenbranden
- 1948 succeeded by Paul Mingers
- 1967-1985 Willy Gregoir (Brugman Hôpital)
- 1985 Claude Schulman (Hôpital Erasme)



Vrije Universiteit van Brussel

- 1965 P. Van Welkenhuysen (1926-1988) was responsible for the urological courses at the Dutch speaking department of the VUB
- In 1977 Prof. Louis Denis
- In 1992 Prof. F. Keuppens
- Today Prof. Dirk Michielsen

Rijksuniversiteit Gent

1935 Prof. Léon Elaut (1897-1978)

1946 Dr. René Defoort (1911-1977)

(1945 St Elisabeth ziekenhuis Antwerp)

1977 Prof. Walter De Sy (1937-2006)

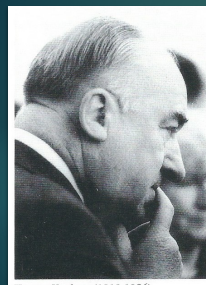
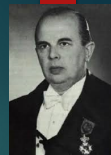
technical head of department

1980 university Professor and

head of the department

1993 Prof. Wim Oosterlinck

Prof. Piet Hoebeke



Herman Verduyn (1919-1986)

Université Catholique de Louvain Katholieke Universiteit Leuven

- From 1919 urology was taught by Schillings, later Morelle both general surgeons.
- 1933 Urology taught by Prof. René Appelmans (1896-1954) ("de pisappell!")
- From 1952 courses clinical urology by the general surgeon Herman Verduyn (1919-1986)
- 1960 first chair of Urology taken by Jacques Brenez (French)
- 1962 Prof. Verduyn "gewoon hoogleraar in de urologie" (Dutch)

Université Catholique de Louvain Clinique St Luc



Prof. Paul Van Cangh

- ▶ Prof. Jacques Benez moved to St Luc in Woluwé
- ▶ Prof. Paul van Cangh
- ▶ Prof. Renier J. Opsomer
- ▶ Prof. Bertrand Tombal



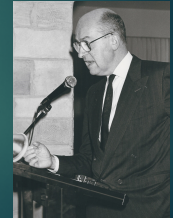
Prof. Paul Hennebert
Lovanium

Katholieke Universiteit Leuven St Pieterskiniek - Gasthuisberg

- ▶ 1962 Prof. Herman Verduyn a surgeon that became urologist
- ▶ 1981 Prof. Raoul Vereecken – Urodynamics
- ▶ 1985 Prof. Luc Baert
- ▶ 2002 Prof. Hein Van Poppel
- ▶ Prof. Dirk Deridder

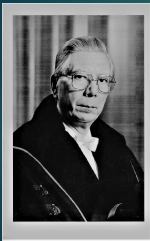


Prof. Raoul Vereecken



Prof. Luc Baert

Universitaire instelling Antwerpen



- ▶ In 1976 the urological department was opened at the Stuivenberghospital
- ▶ The new Universitair Ziekenhuis Antwerpen opened in 1979 with Prof. Koen Van Camp
- ▶ Succeeded in 1993 by Jean Jacques Wyndaele
- ▶ Today: Stefan De Wachter



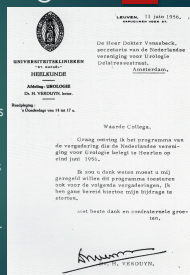
1960-1980

- ▶ Most French speaking urologists had a training in a Belgium department (Brussels – Liège) and/or some specialization in France
- ▶ In the Flemish part most urologists went for their training to the Netherlands (at least 30!) Some went to Austria (Hans Marberger) or Germany (Aachen)
- ▶ 10 % of the Urologists in Holland at that time were Flemish!



Vlaamse Vereniging voor Urologie 1962-1971

- ▶ Flemish Urologist were not permitted to speak Dutch at the SBU
- ▶ 1962 first meeting for Flemish urologists in Maastricht and Ostend – 15 participants. Jacques Casselman nominated as secretary
- ▶ Yearly meeting during 10 years
- ▶ 29 November 1972 in Bayer House, Avenue Louise in Brussels foundation of the Belgische Vereniging voor Urologie
Chairman: Marcel Gennotte Vice-chairman: Robert Vergison
Treasurer: Hugo Pauwels Scientific secretary: Guy Popelier
Administrative secretary: Jacques Casselman



Belgische Vereniging voor Urologie founded in 1972

1972	Marcel Gennotte	2000	Luc Baert
1974	Robert Vergison	2002	Elienne Fonteyne
1976	Robert Vandelooverbos	2004	Frans Keuppens
1978	Pierre Valcke	2006	Ignace Billiet
1980	Koen Van Camp	2009	Hein Van Poppel
1982	Raoul Vereecken	2011	Johan Braeckman
1984	Louis Denis	2013	Lieven Ameye
1986	Guy Popelier	2015	Joost Baert
1988	Jehan Meffelaer	2017	Dirk De Ridder
1990	Vincent Morelle	2019	Lieven Goeman
1992	Vincent Morelle		
1994	Wim Oosterlinck		
1996	Jacques Casselman		
1998	Anthony Verbaeys		



Belgische Vereniging voor Urologie

- ▶ 4 meetings per year – later reduced to 3
- ▶ Yearly a postgraduate course at a urological department of a Flemish university
- ▶ 1985 yearly Parke Davis Price for the best communication of a resident (a scientific price and a clinical price)
- ▶ Since 1989 Christiaens Price every two years
- ▶ Since 1991 the Elaut Price yearly



Prof. Leon Elaut



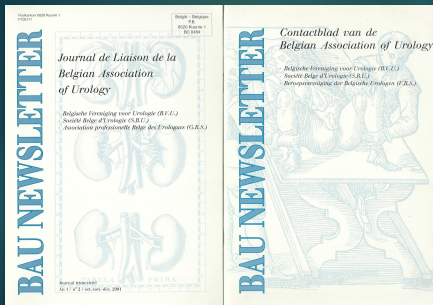
The 2 winners of the Parke Davis price 1986 with the Board of the BVU at that time

Acta Urologica Belgica

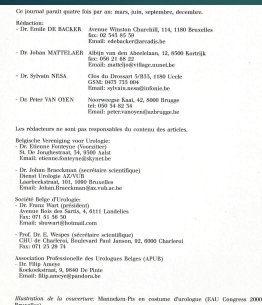


Since 1995 new cooperation between SBU and BVU

- ▶ The result was a yearly international congres of the Belgian Association of Urology in English
- ▶ organised alternatively by the SBU and the BVU
- ▶ Short collaboration in the Acta Urologica Belgica
- ▶ 2001 – 2004 BAU Newsletter
- ▶ 2004 Ultimated statutes between BVU and SBU concerning BAU signed and published



2001
2004



And from 1990 there was on the technical level a fast evolution. Too much to mention!

- ▶ E.O.R.T.C.
- ▶ Oncourology
- ▶ Pediatric Urology
- ▶ Urodynamics and neurostimulation
- ▶ Sexuology – from psychiatry to urology with implants and Viagra
- ▶ Percutaneous surgery
- ▶ E.S.W.L.
- ▶ From laparoscopic surgery to robotic surgery
- ▶ Uro-gynecology

The history of Urology in Belgium was and still is a typical Belgian story

Two languages Two societies 7 Universities



The future???

The future is yours!!

Coming anniversaries (events??)

- ▶ 1901 – 2021: 120 years SBU
- ▶ 1972 - 2022: 50 years BVU
- ▶ 1994 – 2019: 20 years BAU

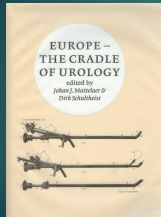


The Future???



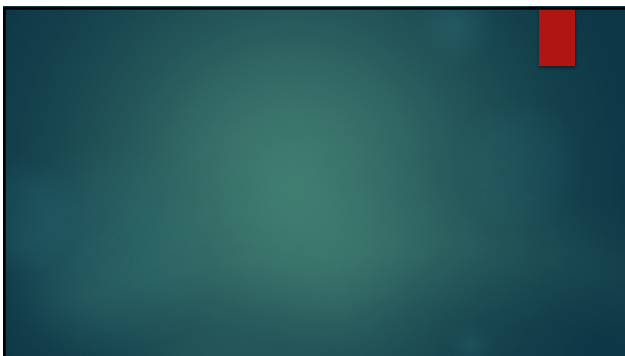
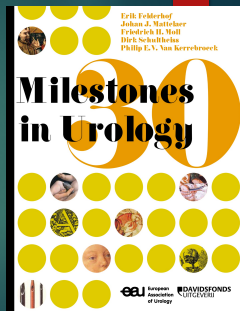
1. An historian at the board of the BAU
2. Belgian representative in the History Office of the EAU
3. The documentation and archives should be preserved!

It is time to start your refreshment on the History of Urology!



50€ → 25€

30€ → 15€



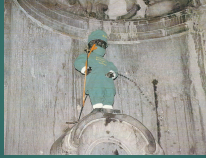
EUROPEAN ASSOCIATION OF UROLOGY
 Founded in 1972 by Giorgio Kavarni

THE IX CONGRESS OF THE EUROPEAN SOCIETY OF UROLOGY TAKES PLACE UNDER THE HIGH PATRONAGE OF THE PRESIDENT OF THE ITALIAN REPUBLIC GIOVANNI LEONE

EUROPEAN SOCIETY OF UROLOGY 16th CONGRESS
 PADOVA 12th-14th September 1972

FOUNDATION COUNCIL ALLEN C. E. (Hamburg, USA) ATHANASSOY N. (Sofia) BANSCHICH A. W. (London) BALDIGH J. (Paris) BARDHILLI T. (Bucarest) BRIGGIONE W. (Brescia) GONSON G. (Lyon) LOPATKIN N. (Moscow) MARENGER H. (Frankfurt) MAYOR G. (Zurich) NEBEL H. (Berlin) PETKOVIC S. (Belgrade) PASQUET A. (Bordeaux) RAVASINI G. (Padova) ZVAKA V. (Brno)	MANAGEMENT COMMITTEE RAVASINI G. AUBERT J. BADERHOCH A. W. NEBEL H. ZVAKA V.
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FRAGILE 24h - 21h September 1972



Lono d'uni
gani' anima
dicitur.

