

## CURRICULUM VITAE

Name Alexander Springer, PhD, MD, FEAPU

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Austria

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Date of Birth July 5, 1972

Married, two children

### CURRENT POSITION

- Specialist Pediatric Urologist and Surgeon, Medical University Vienna
- Director of European Certified Training Program (FEAPU Program)
- Associate Professor in Pediatric Surgery, Medical University Vienna
- Core Team Member E(U)SA-DSD 2020/21: This project is a collaborative effort between specialists practicing in Europe and USA for new standards in the management of DSD
- Management Committee Member of European Union funded COST BM1303 DSD (A Systematic Elucidation of DSD)
- Co-Chair Working Group 1 (Standardized Phenotyping in DSD) of COST BM1303 DSD
- Guest Editor Frontiers of Pediatric Urology (The Role of Surgery in DSD)
- Editor elect European Journal of Pediatric Surgery (section pediatric urology)
- Member of the Educational Committee of the European Society of Paediatric Urology
- Steering Committee Member European Society of Paediatric Urology "Guidelines for DSD"

### SPECIAL INTEREST & EXPERIENCE

- Clinical: Pediatric Urology, Hypospadias, DSD, Undescended Testis
- Experimental fetal uropathy in the Sheep model
- Transcriptomics&Bioinformatics
- Web-based clinical research (International Hypospadias Surgery Survey, German&Austrian Study of Undescended Testis, I-DSD)
- International experience: Germany, USA, Ireland, UK, Egypt, Spain
- Organisation of Hypospadias Surgery Workshops in Vienna
- Member of the Medical University Vienna Child Protection Group
- Member of CAKUT Vienna (Congenital Anomalies of the Kidney and Urinary Tract) at the AKH
- Consultant for Pediatric Urology in St. Anna Children's Hospital, Vienna

- Advisor and Consultant for the CAH self-support group Austria (Österreichische Selbsthilfgruppe AGS)

### **QUALIFICATIONS & DEGREES**

MB, BCH University Leipzig 1999

MD (Ph. D.) University Leipzig 2001

Fellow of the Austrian Association of Pediatric Surgery 2007

Fully registered medical practitioner with special registration (Pediatric surgery)

GMC number 7116705

March 2013 Fellow of the European Association of Pediatric Urology (FEAPU)

Associate Professor in Pediatric Surgery 2015

PhD (Privatdozent) 2019

### **MEMBERSHIPS**

European Society of Paediatric Urology

International Society on Hypospadias and DSD

German Association of Urology

Austrian Association of Surgery

Austrian Association of Pediatric Surgery

Austrian Association of Pediatric Urology

Hypospadias International Society

### **RESEARCH GRANTS AND SUPPORT, THIRD-PARTY FUNDS**

**2008** Bürgermeisterfonds der Stadt Wien for EUR 30.000 (grant of the mayor of the City of Vienna)

**2012** Bürgermeisterfonds der Stadt Wien for EUR 32.000 (grant of the mayor of the City of Vienna)

**2013** Bürgermeisterfonds der Stadt Wien for EUR 27.000 (grant of the mayor of the City of Vienna),  
Dr. A. Weinhandl (AS as senior researcher)

### **ORGANIZATION**

- Organization of the 12th Annual European Pediatric Colorectal and Pelvic Reconstruction Congress & Urology in anorectal malformations & Pediatric Surgery Postgraduate Seminars, 2019, Vienna (as Congress President)
- Organization of the 4<sup>th</sup> World Congress of Hypospadias of the Hypospadias International Society, 2020, Vienna (as Congress President)
- Organization of the International Pediatric Urology Fellow (**paid by the home hospital**)  
Mohammed Alkahtani, Saudia Arabia 5/2020

- Organization, Invitation and Hosting of the international research fellow Dr. Tack Lloyd, Ghent/Belgium 2018

#### **ORGANIZATION (continued)**

- Organization of the observership Dr. Mohammed Hassan, Cairo/Egypt, 2017
- Organization of the International Vienna Hypospadias Surgery Workshop 2006
- Organization of the International Vienna Hypospadias Surgery Workshop 2009
- Organization of the PESPOS (pediatric surgery postgraduate seminars): Neuropathic Bladder, Bladder Reconstruction, Research in Regenerative Urology, and Pediatric Voiding Disorders, December 2013
- Organization of the 1<sup>st</sup> Vienna Symposium of Pediatric Urology 2015
- Organization of the 2<sup>nd</sup> Vienna Symposium of Pediatric Urology 2017
- Organization of the 3<sup>rd</sup> Vienna Symposium of Pediatric Urology 2019
- Organization of the ESPU Educational Committee Masterclass Posterior Urethral Valves, Vienna/Austria 2018
- Organization of the Symposium Hypospadias and DSD, Vienna/Austria 2018
- Organization, Invitation and Hosting of many guest surgeons for educational purposes and difficult patients: Ahmed Hadidi Cairo/Egypt, Sava Perovic Belgrad/Serbia, Grzegorz Kudela Katowice/Poland, Devendra Gupta Delhi/India, Philipp Ransley Karachi/Pakistan, Antonio Macedo Sao Paulo/Brazil

#### **GUEST SURGEON**

Tuzla, Bosnia and Herzegovina, 2013: reconstructive bladder surgery

Ljubljana, Slovenia, 2017: urogenital reconstruction and hypospadias

Cairo, Egypt, 2017: hypospadias and DSD

Katowice; Poland 2017: urogenital reconstruction and hypospadias

Ljubljana, Slovenia, 2018: urogenital reconstruction and hypospadias

San Pedro Sula, Honduras, 2019: urogenital reconstruction and hypospadias (as member of the NGO team Helping Hands in Anorectal Malformations)

Alexandria, Egypt, 2020 urogenital reconstruction and hypospadias (planned)

San Pedro Sula, Honduras, 2020: urogenital reconstruction and hypospadias (as member of the NGO team Helping Hands in Anorectal Malformations) (planned)

#### **TEACHING**

*Teaching of medical students and junior doctors since 2003:*

- Betreuer Lehrveranstaltung Tertial 4 – Chirurgie 1 Wintersemester 2005/2006

- Betreuer Lehrveranstaltung Tertial 5 – Chirurgie 2 Sommersemester 2006
- Betreuer Lehrveranstaltung Tertial Chirurgie II (N202) Zug D Wintersemester 2008

**TEACHING (continued)**

- Betreuer Lehrveranstaltung Tertial Chirurgie II (N202) Zug D Sommersemester 2009

*Lecturer in pediatric surgery, College for Higher Education Vienna*

- Vorlesung Pädiatrie/Kinderchirurgie (LV-Code 553.050), Bachelor Studiengang Hebamme, FH Campus Wien, Studienjahr 2008/2009

*Lecturer in pediatric surgery, Austrian Association of Nursing*

- Referent auf der Jahrestagung der Österreichischen Gesellschaft für Krankenpflege 2010 (Berufsverband Krankenpflege Österreich)

*Lecturer in pediatric surgery for nurses (Fortbildung für Pflegepersonal an der Abteilung für Kinderchirurgie, Wien):*

- Annual lectures

*Advanced training for junior doctors, Department of Pediatric Surgery, Vienna (Fortbildung an der Abteilung für Kinderchirurgie)*

- Hematuria
- Fetal Uropathy
- Vesicoureteral reflux
- Undescended testis
- Gastroschisis and omphalocele

*Lecturer for postgraduate medical training of the Austrian Medical Association (Fortbildungsreferat ÖÄK für das Fach Kinder- und Jugendheilkunde)*

- Current guidelines undescended testis

*Supervising thesis (Diplomarbeiten)*

- Moritz Meier: Treatment of omphalocele and gastroschisis at the General Hospital Vienna from 1994 to 2004 - a retrospective analysis
- David Fengler: Treatment of undescended testis at the General Hospital Vienna from 1994 to 2004 - a retrospective analysis

- Erik Ringelspacher: Die Beschneidung (Zirkumzision) am Allgemeinen Krankenhaus der Stadt Wien von 1994 bis 2012 aus kinderchirurgischer Sicht - eine explorative retrospektive Studie an 1500 Patienten

*Supervising thesis (Diplomarbeiten) (continued)*

- Patrick Gassner: Die Behandlung der Hypospadie am Allgemeinen Krankenhaus der Stadt Wien von 1994 bis 2014 aus kinderchirurgischer Sicht
- Sarah Machek: Die Behandlung der PatientInnen mit Varianten der Geschlechtsentwicklung am Allgemeinen Krankenhaus der Stadt Wien von 1994 bis 2015 aus kinderchirurgischer Sicht – eine explorative retrospektive Pilotstudie
- Tom Dablander: Die Behandlung der Hypospadie am Allgemeinen Krankenhaus der Stadt Wien von 2012 bis 2017 (in Arbeit)

*Lecturer for Pediatric urology, STEPP Post Graduate School of Pediatrics, Deanery of Yorkshire and Humber/UK 2011-2012*

*Teaching of junior doctors and medical students at Leeds Teaching Hospitals 2011-2012*

*Member of the Educational Committee of the European Society of Pediatric Urology*

- ESPU Educational Committee Course, Mannheim/Germany (as trainer), 2019
- ESPU Educational Committee Course, Baku/Azerbaijan (as trainer), 2018
- ESPU Educational Committee Course, Krakow/Poland (as trainer), 2017
- ESPU Educational Committee Course, Rhodes/Greece (as trainer), 2016
- ESPU Educational Committee Course, Bucharest/Romania (as trainer), 2015

*Organization and execution of the Fellowship exams (oral exam, MCQ) of the European Society of Pediatric Urology*

*DSDNet Training School funded by EU COST BM1303 Ghent/Belgium 2015 as teacher for urogenital reconstruction*

**REVIEWER (more than 100)**

- Annual Congress of the European Association of Urology abstract reviewer
- Annual Congress of the European Society of Paediatric Urology abstract reviewer
- Acta Paediatrica
- Archives of Disease in Childhood
- Asian Journal of Urology

- BMC Pediatrics
- BMC Urology
- Current Urology
- Endocrine, Metabolic & Immune Disorders - Drug Targets

**REVIEWER (continued)**

- European Journal of Pediatric Surgery
  - Frontiers in Pediatrics
  - Hormone Research
  - Irish Journal of Medical Science
  - International Journal of Urology
  - Journal of Genital System & Disorders
  - Journal of Endourology
  - Journal of Pediatric Surgery
  - Journal of Pediatric Endoscopic Surgery
  - Journal of Pediatric Urology (70)
  - Journal of Urology
  - Nephrology
  - Paediatrics Today
  - Pediatrics
  - Saudi Medical Journal
  - Scientific Reports
  - Translational Andrology and Urology
  - Tiroler Wissenschaftsfonds
  - Urology Journal (Iran)
  - World Journal of Pediatrics
- ESPU Annual Congress abstract reviewer
  - EAU Annual Congress abstract reviewer

**CHAIRMANSHIP**

Genital surgery, Annual Congress South German Association of Urology, 2007

Vorsitz Session Genitalchirurgie auf der Jahrestagung der Südostdeutschen Gesellschaft für Urologie  
Altötting/Deutschland Juni 2007

Vorsitz Session Kinderurologie zusammen mit Tom deJong am Kinderchirurgischen Symposium  
Oberurgl 2012

Vorsitz Session Kinderurologie und Varia der Jahrestagung der Österreichischen Gesellschaft für  
Kinderchirurgie Salzburg Juni 2012

Vorsitz Session Kinderurologie und Varia der Jahrestagung der Österreichischen Gesellschaft für  
Kinderchirurgie Wien Juni 2013

Vorsitz Session Kinderurologie, International Symposium of Pediatric Surgery Oberurgl, 2015

**ESPU**

- 2019 ESPU, Lyon/France
- 2018 ESPU, Helsinki/Finland
- 2017 ESPU, Barcelona/Spain

- 2016 ESPU, Harrogate/UK
- 2015 ESPU, Prague/Czech Republic
- 2014 ESPU Innsbruck/Austria

**INVITED SPEAKER (selection)**

STEPS 2012 Pecs/Ungarn Pediatric Urological Surgery:

- State of the Art - Undescended Testis
- Experimental Fetal Urology

First International Pediatric Urology Workshop, Nis/Serbien, 2013

- Assessment of outcome and reporting complications in hypospadias repair

Kinderurologie und Kinderneurologie, Wien, 2013

- Perinatale Nephrologie aus der Sicht des Kinderurologen

ESPU 24th Annual Congress, Genua/Italy, 2013

- Panel Discussion – Follow Up of Operated Hypospadias (Ricardo Gonzales, Daniel Weber, Alex Springer, Moderator: Piet Hoebeke)

Annual Meeting of the Polish Pediatric Urologists, Katowice/Poland, 2013

- Current Concepts in Hypospadias Repair

Annual Meeting of the Austrian Association of Pediatrics, Vienna/Austria

- Surgical Management of DSD – Where are we 2014?

Annual Congress of Hypospadias International Society, Moscow/Russia 2017:

- Current Management of Hypospadias in Austria
- Registries for Hypospadias

Annual Congress of Hypospadias International Society, Frankfurt/Germany 2017:

- Androgens and Hypospadias

## EDUCATION AND WORK EXPERIENCE

- 2011-2012** Fellow in Paediatric Urology, Department of Paediatric Urology  
Leeds Teaching Hospitals/UK
- 2008-2011** Specialist in Pediatric Surgery at Department of Pediatric Surgery  
Medical University Vienna
- April 2008** Visiting doctor at University Children’s Hospital, University of Cairo, Egypt  
(hypospadias surgery)
- January 2008** Visiting doctor, Barcelona/Spain (experimental fetal surgery)
- 2005-2007** Adult and pediatric transplant surgery Department of Surgery/Medical  
University Vienna
- April 2005** Visiting doctor at University Children’s Hospital, University of Cairo, Egypt  
(hypospadias surgery)
- December 2003** Residency in pediatric surgery, University of Vienna, Austria
- December 2001** Residency in urology/Pediatric urology at Hospital Altötting, Germany
- December 1999** Residency in Pediatric surgery at the Department of Pediatric Surgery at the  
University of Münster
- 1998** Elective period in pediatric surgery, Royal London Hospital/UK
- 1998** Elective period in pediatric surgery, Children’s Hospital Temple Street,  
Dublin/Ireland
- 1998** Elective period in pediatric surgery, Albert Einstein College of Medicine  
New York/USA
- 1996** Elective period in Pediatrics, Jackson Memorial Hospital, Miami/USA
- 1993-1999** University Leipzig Medical School
- 1992-1993** Civilian Service at Nursing Home of the Bavarian Red Cross
- 1984-1992** Grammar School König-Karlmann-Gymnasium Altötting
- 1979-1984** Elementary School Tüßling



## **COURSES ATTENDED**

<b>June 2019</b>	ESPU Educational Committee Course, Mannheim/Germany (as trainer)
<b>Oktober 2018</b>	ESPU Educational Committee Course, Baku/Azerbaijan (as trainer)
<b>September 2017</b>	ESPU Educational Committee Course, Krakow/Poland (as trainer)
<b>August 2017</b>	ISHID Hypospadias Workshop, Moscow/Russia
<b>July 2017</b>	International Hypospadias Workshop, Cairo/Egypt (as trainer)
<b>September 2016</b>	ESPU Educational Committee Course, Rhodes/Greece (as trainer)
<b>September 2015</b>	ESPU Educational Committee Course, Bucharest/Romania (as trainer)
<b>June 2015</b>	ISHID Hypospadias Workshop, Seligenstadt/Germany
<b>March 2015</b>	COPU VUR course Leeds/UK (as trainer)
<b>November 2014</b>	ESGURS-ESPU Ghent/Belgium
<b>March 2014</b>	COPU VUR course Leeds/UK (as trainer)
<b>November 2013</b>	Workshop Hypospadias/DSD, Lucknow/India
<b>June 2013</b>	I-DSD, Glasgow/Schottland
<b>Februar 2013</b>	Diagnosis and Management of DSD (Ipokrates, Linz/Austria)
<b>September 2011</b>	Live Operative Workshop on Hypospadias and DSD, London/UK
<b>October 2010</b>	Live Operative Workshop on Hypospadias and DSD, Delhi/India
<b>September 2009</b>	Workshop Complex Reconstructive Urogenital Surgery, Belgrade/Serbia (Sava Perovic)
<b>November 2008</b>	ISHID – Workshop and Congress, Cairo/Egypt
<b>November 2006</b>	Workshop "Anorectal Malformations", Delhi/India (Alberto Pena)
<b>November 2006</b>	Workshop "Pediatric Urology - Hypospadias, VUR, Intersex", Delhi/India
<b>November 2005</b>	Workshop Hypospadias and Intersex, Istanbul
<b>April 2004</b>	International Hypospadias Surgery Workshop, Cairo/Egypt
<b>Dezember 2003</b>	Kursus cell culture, Tübingen
<b>December 2003</b>	Workshop Reconstructive Urology, Tübingen/Germany
<b>December 2003</b>	Workshop Tissue engineering, Tübingen/Germany
<b>May 2003</b>	Workshop Rekonstructive Urology, Munich

<b>October 2002</b>	Workshop Functional Fiagnostics in Pediatric Surgery, Graz
<b>March 2002</b>	Workshop Reconstructive Urology, Munich/Germany
<b>November 2001</b>	Workshop Laparoscopy in Children, Hamburg/Germany
<b>July 2001</b>	Course Emergency Medicine, Baden-Baden/Germany
<b>March 2001</b>	Course Surgical Endoscopy, Mannheim/Germany
<b>February 2001</b>	Pediatric Emergency Medicine, Münster/Germany
<b>February 2000</b>	Course Radiation Protection, Düsseldorf/Germany

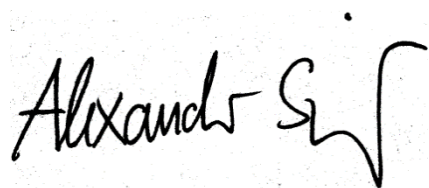
## CONGRESSES ATTENDED

<b>April 2019</b>	ESPU, Lyon/France
<b>January 2019</b>	Annual German Pediatric Urology Meeting, Nürnberg/Germany
<b>November 2018</b>	Austrian Society of Sexual Medicine, Vienna/Austria
<b>October 2018</b>	Hypospadias International Society Workshop, Frankfurt/Germany
<b>April 2018</b>	Annual German Surgery Meeting, Berlin/Germany
<b>April 2018</b>	ESPU, Helsinki/Finland
<b>February 2018</b>	DSDNet Meeting, Lübeck/Germany
<b>January 2018</b>	Annual German Pediatric Urology Meeting, Mannheim/Germany
<b>August 2017</b>	Hypospadias International Society, Moscow/Russia
<b>June 2017</b>	I-DSD Symposium, Copenhagen/Denmark
<b>April 2017</b>	DSD Vernetzungstreffen, Anif/Austria
<b>April 2017</b>	ESPU, Barcelona/Spain
<b>June 2016</b>	ESPU, Harrogate/UK
<b>April 2016</b>	National DSD Network Meeting, Salzburg/Austria
<b>January 2016</b>	ESPU Educational Course, Mannheim/Germany
<b>November 2015</b>	National Pediatric Urology Meeting, Graz/Austria
<b>Oktober 2015</b>	ESPU, Prague/Czech Republic
<b>September 2015</b>	I-DSD/COST DSD, Poznan/Poland
<b>June 2015</b>	DSDNet Training School, Gent/Belgium (as teacher)
<b>June 2015</b>	I-DSD Symposium, Gent/Belgium
<b>September 2014</b>	ESPU Educational Course, Bukarest/Romania
<b>January 2015</b>	46. Congress of Pediatric Surgery, Obergurgl/Austria
<b>November 2014</b>	COST BM1303 WG1 Meeting, Vienna
<b>September 2014</b>	ESPU Educational Course, Mainz/Germany
<b>September 2014</b>	Annual Congress of the German Society of Pediatric Surgery, Leipzig
<b>May 2014</b>	COST BM 1303 Action Workshop

<b>May 2014</b>	ESPU Innsbruck/Austria
<b>November 2013</b>	Workshop Hypospadias/DSD, Lucknow/India
<b>November 2013</b>	Pediatric Urology Meeting Katowice/Poland
<b>April 2013</b>	ESPU, Genua/Italy
<b>April 2012</b>	ESPU, Zurich/Switzerland
<b>September 2011</b>	Annual Meeting of the British Association of Pediatric Urology, Cambridge/UK
<b>September 2011</b>	International Society of Hypospadias and Intersex Disorders, London/UK
<b>November 2009</b>	Annual Meeting of the Middle European Society of Pediatric Endocrinology, Traunkirchen/Österreich
<b>May 2009</b>	2 <sup>nd</sup> Fetal MRI Symposium, Vienna/Austria
<b>April 2009</b>	38. Congress of Pediatric Surgery, Oberurgl/Austria
<b>January 2009</b>	3 <sup>rd</sup> Workshop Pediatric Andrology, Augst/Switzerland
<b>October 2008</b>	STEPS – Pediatric Oncology, Graz/Austria
<b>September 2008</b>	ESPU – Foetal Uropathy, Istanbul/Turkey
<b>March 2008</b>	Congress Pediatric Nephrology, Vienna/Austria
<b>June 2007</b>	Annual Congress of the South German Society of Urology
<b>April 2007</b>	37. Congress of Pediatric Surgery, Oberurgl/Austria
<b>November 2006</b>	20. Congress of the Asian Association of Pediatric Surgeons, Delhi/India
<b>September 2006</b>	Congress Pediatric Nephrology, Vienna/Austria
<b>August 2006</b>	From Gene to Gender –Congress DSD, Lübeck, Germany
<b>March 2006</b>	Congress of Pediatric Urology, Vienna/Austria
<b>November 2005</b>	First World Congress of Hypospadias and Intersex, Istanbul/Turkey
<b>September 2005</b>	International Pediatric Urology & Nephrology Update, Heidelberg/Germany
<b>September 2005</b>	Abdominal Wall Defects, Münster/Germany
<b>May 2005</b>	Malformations of the Lower Gastrointestinal Tract, Cologne/Germany
<b>September 2004</b>	Congress of Pediatric Urology, Munich/Germany
<b>April 2004</b>	International Congress of Pediatric Surgery, Cairo/Egypt
<b>February 2004</b>	Congress of Pediatric Urology, Vienna/Austria
<b>November 2003</b>	Congress of Pediatric Surgery, Vienna/Austria

<b>May 2003</b>	Congress of Reconstructive Urology of the external genitalia, Munich/Germany
<b>October 2002</b>	Congress of Pediatric Surgery, Graz/Austria
<b>January 2002</b>	32. Congress of Pediatric Surgery, Oberurgl/Austria
<b>January 2001</b>	31. Congress of Pediatric Surgery, Oberurgl/Austria
<b>June 2000</b>	European Congress of Pediatric Gynaecology, Prague/Czechia

Vienna, January 30, 2020

A handwritten signature in black ink, reading "Alexander Springer". The signature is written in a cursive style with a large, stylized 'S' at the end.

Assoc.-Prof. Priv.-Doz. Dr. Alexander Springer, FEAPU