MEDICOLEGAL CURRICULUM VITAE

ANDREAS GOEBEL MSc (Pain Medicine) PhD FRCA FFPMRCA

2024

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SUMMARY OF PROFESSIONAL AND MEDICOLEGAL EXPERIENCE

I was appointed Consultant in the Specialty of Pain Medicine in 2006, Assistant Professor in Pain Medicine in 2008, and Chair of Pain Medicine 2023 (50% academic time).

I see approximately 350 patients with severe chronic pain yearly. I lead the CRPS service at the Walton Centre, with a tertiary area of 3.2million population; I receive regular national/international referrals.

As part of my work, I perform interventional trials with spinal cord simulators for patients with CRPS, and other conditions. I am also performing assessments of patients as the medical doctor within our tertiary Pain Management Programme Team.

My academic work is largely concerned with understanding the pathophysiology of CRPS and fibromyalgia syndrome, and with establishing novel treatments. I have first proposed the 'Autoimmune Hypothesis' for 'unexplained' chronic pain which has gained worldwide attention.

I have been reporting in medicolegal cases since 2011. I specialize in cases where clients develop chronic pain, having sustained an injury, or after an operation. I am acting as expert for Claimant / Defendant / Joint instruction, including in medical negligence cases, and occasionally in criminal cases. I was first scheduled to appear in court in 2014.

I have been invited speaker at the 2014, 2016, and 2019 Peterhouse Medicolegal Conferences, and at APIL conferences throughout the UK. I have published on the medicolegal implications of newest scientific findings in CRPS and Fibromyalgia Syndrome.

National and international leadership roles:

- Chair of the UK Royal College of Physicians (RCP) Guidelines Group for CRPS (since 2008)
- Immediate-past Chair, Special Interest Group CRPS within the International Association for the Study of Pain (IASP)
- Chair, CRPS Task Force of the European Pain Federation (EFIC)
- Chair, UK Royal College of Physicians Diagnostic Guidelines Group for Fibromyalgia (since 2019)
- Immediate-past Chair, British Pain Society Science Committee

Qualifications and awards

2023	AFHEA
2011	Fellow of the Faculty of Pain Medicine of the Royal College of Anaesthetists:
	FFPMRCA
2009	MsC in Pain Medicine, University of Edinburgh and Sydney
2006	Facharzt, Certificate of Completion of Specialist Training in
	Anaesthesiology/Pain Medicine, Munich
2005	F.R.C.A. (England)
2002	Michell Goat Prize, Oxford School of Anaesthesia
1998	Ph.D., University of Wuerzburg
1998	Trauma Prize, Harvard Medical School
1997	Post-Trauma Immunology, Harvard Medical School, Boston, US
1994	M.D., University of Wuerzburg (Hons)

CLINICAL APPOINTMENTS

November 2008 – present Senior Academic, from 2023 <u>Chair of Pain Medicine</u>, University

of Liverpool, <u>Honorary Consultant in Pain Medicine</u>, The

Walton Centre NHS Foundation Trust, Liverpool.

POSTGRADUATE TRAINING

University of Wuerzburg, Germany, Harvard Medical School, Boston, USA, University of Oxford and Oxford Rotation, University College London

SELECTED PUBLICATIONS 2014-24

Ferraro MC, O'Connell NE, Sommer C, **Goebel A**, Bultitude JH, Cashin AG, Moseley GL, McAuley JH. Complex regional pain syndrome: advances in epidemiology, pathophysiology, diagnosis, and treatment. Lancet Neurology 2024; 23(5): 522-533.

Goebel A. Fibromyalgia syndrome – has the tide turned? PI FOCUS 03.2023.

Goebel A, Barker C, et al. The UK Royal College of Physicians Diagnostic Guidelines for Fibromyalgia Syndrome, 2022. https://www.rcplondon.ac.uk/guidelines-policy/diagnosis-fibromyalgia-syndrome

Andreas Goebel, Clive Gentry, Ulku Cuhadar, Emerson Krock, Nisha Vastani, Serena Sensi, Katalin Sandor, Alexandra Jurczak, Azar Baharpoor, Louisa Brieskorn, Carlos Morado Urbina, Angelika Sandstrom, Janette Tour, Diana Kadetoff, Eva Kosek, Stuart Bevan, Camilla I. Svensson and David A. Andersson. Passive transfer of painful hypersensitivity from fibromyalgia patients to mice. Journal of Clinical Investigation 2021; 131 (13): e144201.

Helyes Z, Tékus V, Szentes, N, Pohóczky K, Botz B, Kiss T, Kemény A, Környei Z, Tótj K, Lénárt N, Ábrahám H, Pinteaux E, Francis S, Sensi S, Dénes A, and **Goebel A**. Transfer of Complex Regional Pain Syndrome to mice via human autoantibodies is mediated by interleukin-1-induced mechanisms. PNAS 2019; 116(26): 13067-13076.

Goebel A., Barker C, Turner-Stokes L, et al. UK CRPS Guidance. Royal College of Physicians 2018 (2nd Edition); https://www.rcplondon.ac.uk/guidelines-policy/complex-regional-pain-syndrome-adults

Goebel A, Lewis S, Philip R, Sharma M. Dorsal Root Ganglion Stimulation for Complex Regional Pain Syndrome Recurrence After Amputation for CRPS, and Failure of Conventional Spinal Cord Stimulation. Pain Practice 2018; 18(1): 104-108.

Benson J., Spencer M., Goebel A., Munglani R.. Compensation Claims Relating to Chronic Pain – Parts 1-5. Journal of Observational Pain Medicine 2014; 1(4).

Goebel A. Current Understanding of the Causes of Complex Regional Pain Syndrome with its Medico-Legal Implications. Journal of Observational Pain Medicine 2014; 3(1)

ESTEEM (Selected Presentations and Workshops 2018-2024)

Italian National Pain Congress 2024; European Pain Federation 2023; Dutch Patient Organisation CRPS 2023; Faculty of Pain Medicine, Royal College of Anaesthetists 2022; American College of Rheumatology 2022; Royal College of Physicians 2022 Med+; Royal Society of Medicine 2022; International Autoimmunity Congress 2022. Norwegian, Finnish, German National Pain Congresses 2022; Korean National Pain Congress 2021; Johns Hopkins Blaustein Lecture 2021; IASP convenor for CRPS satellite symposia, 2022, 2021, 2019 (Valentia adaptation of the CRPS diagnostic criteria), 2018.

2020 Liverpool Pain and Medicolegal Workshop (organiser: ,Applied Psychology Solutions') – "CRPS, FMS, and traumatic events"

2019 Peterhouse Conference (Cambridge) – Fibromyalgia and CRPS – very recent evidential breakthroughs about causes and diagnoses, with medico-legal implications

2018 Resolution Law Seminar: New approaches to Fibromyalgia, CRPS, and Chronic Pain – Medicolegal Implications (Liverpool – nationwide live stream)