

# AYŞEN ŞENTÜRK

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## Work History

**(09.2017 - ...)**

Founder, Managing Director  
*Healthcare Solutions Axel (Ankara)*

**(12.2013 - 08.2017)**

Health Economics and Policy & Corporate Affairs Advisor  
*Polar Health Economics and policy Consulting*

**(06.2012 - 12.2013)**

Health Economics and Market Access Consultant  
*Pharmaceutical and Medical Device Industry*

**(09.2009 - 06.2012)**

Health Economics Manager  
*Bayer Pharmaceuticals*

**(07.2004 - 09.2009)**

Health Economics Specialist  
*Ministry Of Finance (Founding Member Of The Drug Reimbursement Commission)*

## Training

**(2018 - ...)**

Brand Communication (Second College Program)  
*Anadolu University*

**(2009 - 2008)**

Health Economics and Pharmacoeconomics Course (Graduate) (Ankara)  
*Hacettepe University, Faculty Of Pharmacy*

**(2009 - 2005)**

The Department Of Hospital Management (Graduate) (Ankara)  
*Gazi University, Department Of Business Administration, Institute Of Social Sciences*

**(2003 - 1998)**

Department Of Health Administration (Ankara)  
*Hacettepe University, Faculty of Economics and Administrative Sciences*

**(1998 - 1991)**

Samsun Bafra Anatolian High School

## Volunteer Experience

**(2013-.....)**

Health Economics and Policy Association  
*Alternate Member of the Board of Directors*

**(2004-2003)**

Association Of Health Administrators  
*University Founding President Of The Platform*

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## Certificates

Pharmacoeconomics of oncology drugs Course – 2010 (Antalya)

Health Economics and Pharmacoeconomics  
(Hacettepe Univ. Pharm. Cr.) – 2008 (Ankara)

Cost-Effectiveness Analysis Course, We Read How  
(Ghent University) – 2008 (Ankara)

Health Human Resources Policy Formulation Workshop –  
2007 (Ankara)

The World Health Organization Pharmacoeconomics Course  
(evidence, money and drug selection) – 2006 (Istanbul)

Case Mix (The Combination Case) Summer School –  
2005 (Trieste, Italy)

3. Farmakoepidemioloji International Pharmacoeconomics  
Symposium – 2004 (Izmir)

## Publications

### BOOKS

1. The process of drug market access: pricing and reimbursement  
Policies / assistant editor / Launch 3. IVEK International Congress,  
April 2017

### ARTICLES

1. Health Care Costs Are Rising, How Should We Understand It? /  
*Clinical Communication Magazine, December-January 2018*

2. Cost of treatment of Chronic Spontaneous Urticaria in Turkey a  
Health/ *Journal of Health 1098-1103, August 2016*

2. Health Economics / *Workshop Journal, May-August 2015*

3. A New Alternative To Biotechnological Drugs: Biosimilar  
Medicines / *Farmaskop Magazine, June 2009*

4. The increase in health expenditures and the increasing  
importance of Health along with the economy / *Tax Report  
Magazine, August 2007*

## Publications

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### RESEARCH

1. Elderly Health Diagnosis Treatment Guide 2010 / *Ministry Of Health, 2007*
2. The effect of Pharmaceutical Expenditures in the social security system of drug reimbursement policies / *Master Thesis, 2009*
3. The U.S. health care system / *Research Project, 2002*

### SHORT ORAL PRESENTATIONS

1. "Biotechnology and biosimilar pharmaceuticals market in Turkey," *Presentation at the annual meeting held 17-21 June 2017 2017 Vignette of Thai in Rome/ITALY*

### POSTERS

1. "Drugs reimbursed with alternative payment Model in Turkey," *annual European Congress Research Abstract held 4-8 November 20th at the sport of 2017 in Glasgow/UK*
2. "Local Pharmaceutical production policies in the Turkish Market" *at the 20th Annual European Congress Research Abstract in the sport of 2017 held 4-8 November, Glasgow/UK*
3. "Budget impact of Alteplase in the Treatment of acute ischemic stroke in Turkey" *was held November 4-8 at the 20th Annual European Congress Research Abstract in the sport of 2017 Glasgow/UK*
4. "Cost-effectiveness of the contour Cutter Stapler in low anterior resections, Turkey" *held at the 20th Annual European Congress research abstract in the sport of 4-8 November 2017 in Glasgow/UK*
5. "Cost-effectiveness of treatment of a vein graft as artery bypass grafting Duracraft, Turkey" *held at the 20th Annual European Congress research abstract in the sport of 4-8 November 2017 in Glasgow/UK*
6. "Cost-effectiveness of bariatric surgery in Turkey: a long term Perspective" *held at Glasgow in November 2017 20th Annual European Congress Research Abstract sport 4-8/UK*
7. "Cost-effectiveness high-density Mapping Catheter for the treatment of tachycardia Pantera in Turkey" *at the 20th Annual European Congress Research Abstract in the sport of 2017 held 4-8 November, Glasgow/UK*
8. "The Orphan Drug Market Analysis in Turkey," *19th Annual European Congress Research Abstract in the sport of held 29 October-2 November 2016 at Vienna/Austria*
9. "Diret Cost of HIV/AIDS in Turkey" *19th Annual European Congress Research Abstract in the sport of held 29 October-2 November 2016 at Vienna/Austria*

## Publications

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10. "Indirect Cost of HIV/AIDS: Results from a survey of a Turkish Research Center," *19th Annual European Congress Research Abstract in the sport of held 29 October-2 November 2016 at Vienna/Austria*
11. "Indirect costs of Stroke in Turkey", in *19th Annual European Congress Research Abstract in the sport of held 29 October-2 November 2016 at Vienna/Austria*
12. "Direct cost Evaluation the first step in the management of chronic disease (COPD) in Turkey: a panel Approach" *Research Abstract 19th Annual European Congress of SPORT held 29 October-2 November 2016 at Vienna/Austria*
13. "Adherence to the Gold management strategy evaluation criteria the first step in the treatment of chronic disease (COPD) Patients: cost implications in Turkey" *19th Annual European Congress Research Abstract in the sport of held 29 October-2 November 2016 at Vienna/Austria*
14. "Indirect costs of Epilepsy in the USA: the cost of Disease in terms of loss of work" *Research Abstract 19th Annual European Congress of SPORT held 29 October-2 November 2016 at Vienna/Austria*
15. "Direct costs of Epilepsy in Turkey: a panel Approach" *Research Abstract 19th Annual European Congress of SPORT held 29 October-2 November 2016 at Vienna/Austria*
16. "Certolizumab pegol cost minimization analysis of the treatment of Chron's disease pull of Wanna from Turkey," *19th Annual European Congress Research Abstract in the sport of held 29 October-2 November 2016 at Vienna/Austria*
17. "Comparison of Sugammadex and Neostigmine in terms of usage, cost savings in hospitals in Turkish healthcare settings," *21st Annual International Congress held May 21-25 at the research abstract in the sport of 2016 Washington/USA*
18. "Treatment of direct costs of the treatment algorithm for HR+/HER2 - Post-Menopausal Advanced/metastatic breast cancer patients in Turkey" *21th annual international meeting May 21-25 sport abstract for Research held at Washington in 2016/ USA*
19. "Five-grass pollen SLIT tablet, and cost saving versus symptomatic treatment of the study of scits Research" *18th Annual European Congress 7-11 November 2015 at the sport of abstract held at Milano/Italy*
20. "How pricing and reimbursement policies Affect the impact of the budget on the treatment of Systematic juvenile idiopathic arthritis in Turkey" *18th Annual European Congress 7-11 November at the sport of research abstract held at the 2015 Milano/Italy*

## Publications

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21. "Local treatment of venous thromboembolism Cost Study in Turkey" 18th Annual European Congress 7-11 November at the sport of research abstract held at the 2015 Milano/Italy
22. "Direct treatment Costs of Stroke in Turkey", 18th Annual European Congress 7-11 November at the sport of research abstract held at the 2015 Milano/Italy
23. "In Turkey Cost of familial Mediterranean Fever Disease" Research at the 18th Annual European Congress 7-11 November 2015 abstract sport held at Milano/Italy
24. "Cost-effectiveness of lumbar Discectomy Surgery, the use of Angular closure device in Turkey" in 17th Annual European research abstract on sport for 8 to 12 September 2014 at the Congress held at Amsterdam/ Netherlands
25. "Cost-effectiveness analysis of Xolair in Turkey" held at the 17th Annual European Congress research abstract on sport for at 8 to 12 September 2014 in Amsterdam/ Netherlands
26. "The development of HTA in Turkey" held at the 17th Annual European Congress research abstract on sport for at 8 to 12 September 2014 in Amsterdam/ Netherlands
27. "Availability of risk sharing Agreements in the Turkish pharmaceutical Sector" held at the 17th Annual European Congress research abstract on sport for at 8 to 12 September 2014 in Amsterdam/ Netherlands
28. "Cost-analysis Chronic Idiopathic Urticaria Disease" 17th Annual European research abstract on sport for 8 to 12 September 2014 at the Congress held at Amsterdam/ Netherlands