International Study Visit, CERTH, Greece 11-13 Feb 2020

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International Study Visits of TARAL to EU Key Players

REPUBLIC OF TURKEY
MINISTRY OF INDUSTRY
AND TECHNOLOGY

TÜBİTAK

Description of the Organization

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Description of the Organization

- 3rd biggest Public Hospital in Turkey

- Nearly 1,000 Bed Capacity

- Ca. 4,000 Staff (900 Physicians, 1,500 Allied Health Staff, 1,500 Outsource Staff)

- 145,000 inpatients Per Year, 9.500 Outpatient Per Day

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TÜBİTAK

Description of the Organization

- 42,000 emergency applications, 68,000 trauma cases,

- 2,143 Group A surgery, 112,290 Group E surgery with the total 137,173 surgery,

- 9,751 births,

- Provides 20,150 intensive care hospitalization services within the scope of 194 beds.
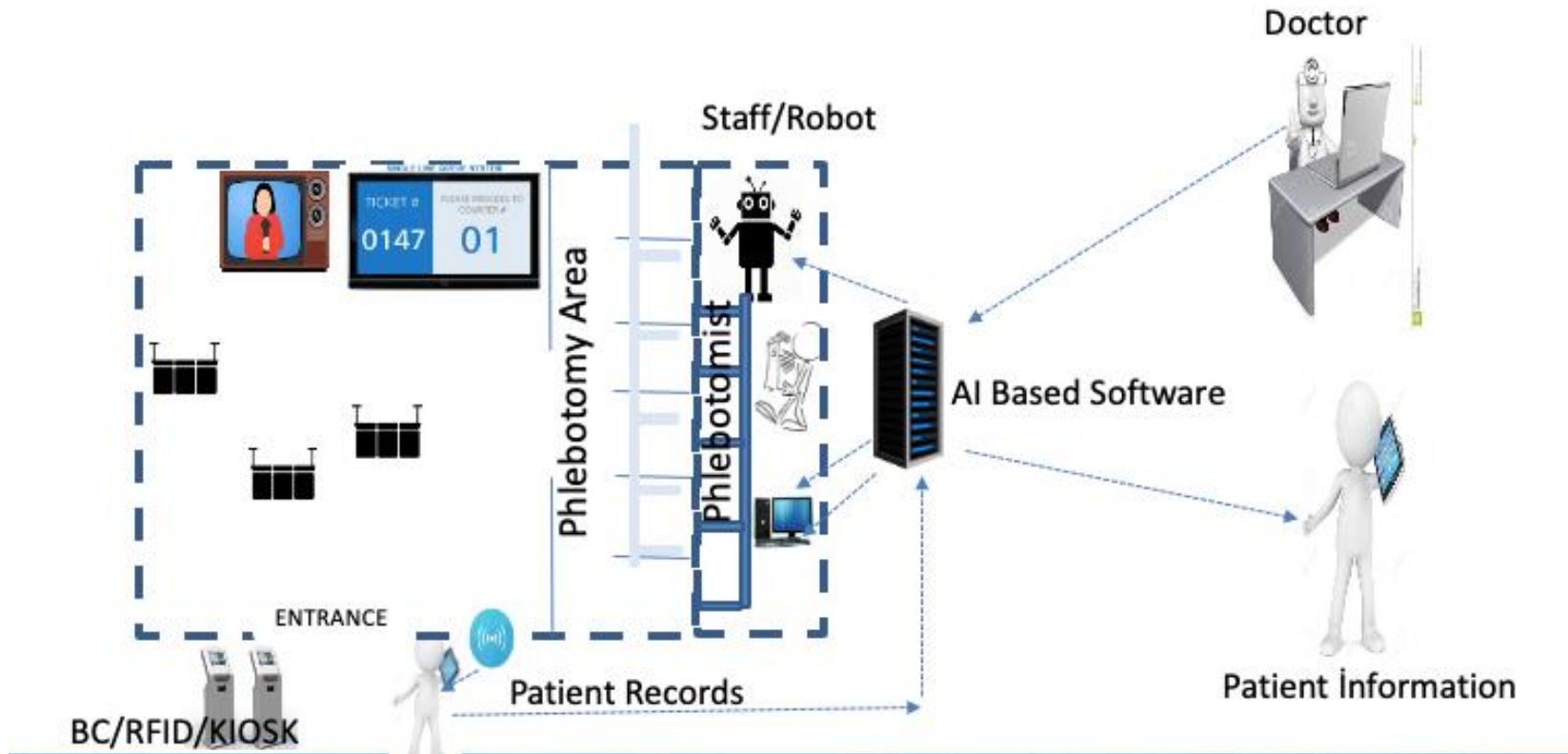
Research Interests

PHLEROBO (AI Based Phlebotomy)

- Maximum patient and sample safety

- Analyzing antecedence patients

- Accelerate system

- Learning algorithm of physicians and patients history

- Suggestion to physician

- Clever material planning

PHLEROBO (AI Based Phlebotomy)

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Research Interests

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- Admin (Waiting Times before Phlerobo)
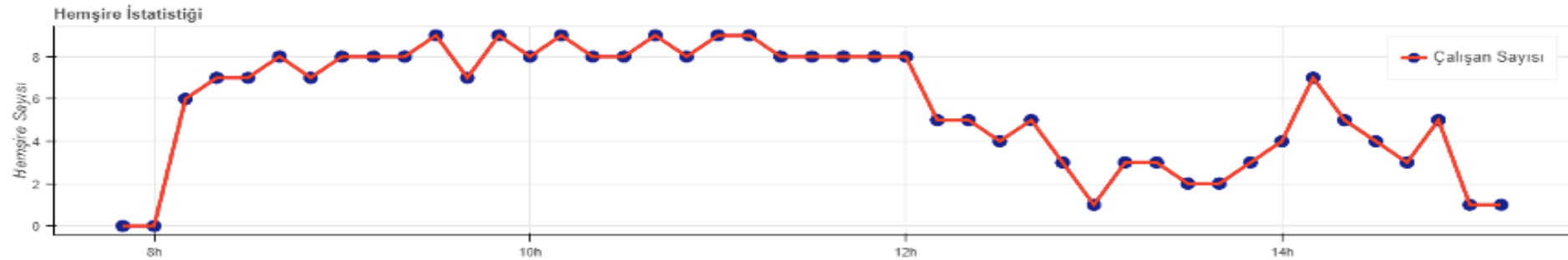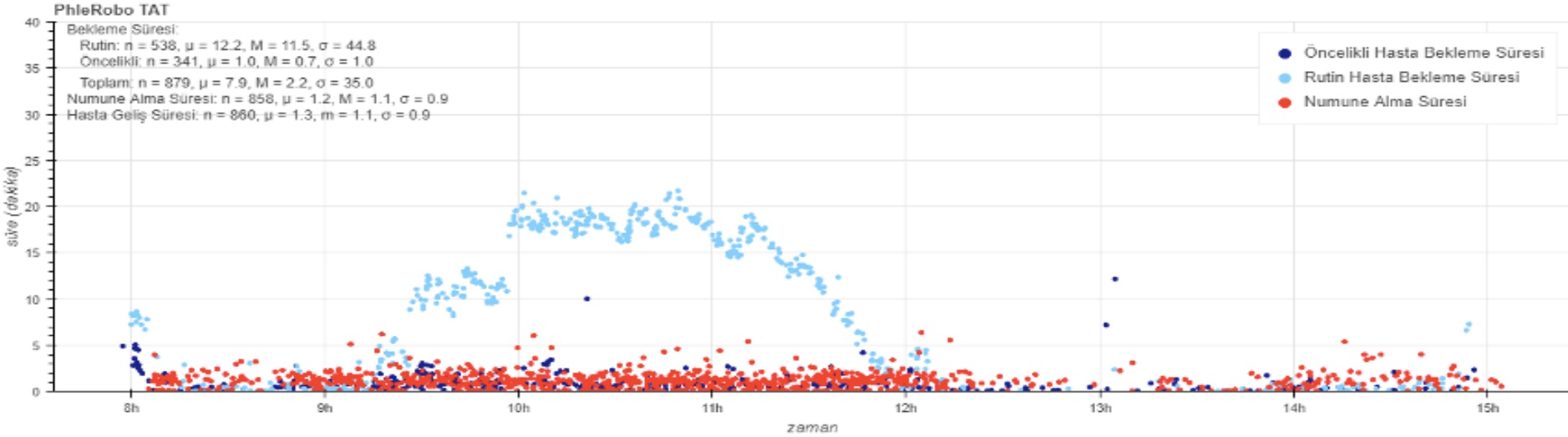
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TURKEY in HORIZON 2020
COOPERATION, INNOVATION, COMPETITIVENESS

This project is co-financed by the
European Union and the Republic of Turkey
Bu proje Avrupa Birliği ve Türkiye Cumhuriyeti tarafından
finanse edilmektedir

Research Interests

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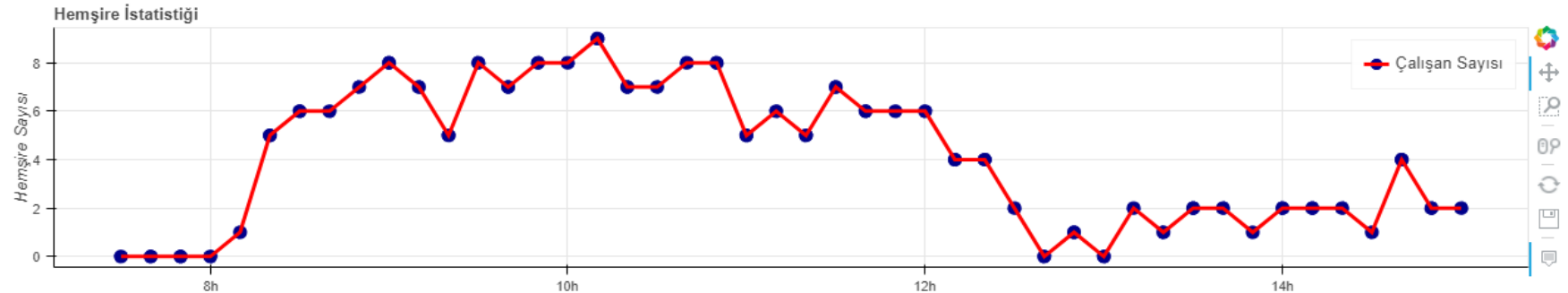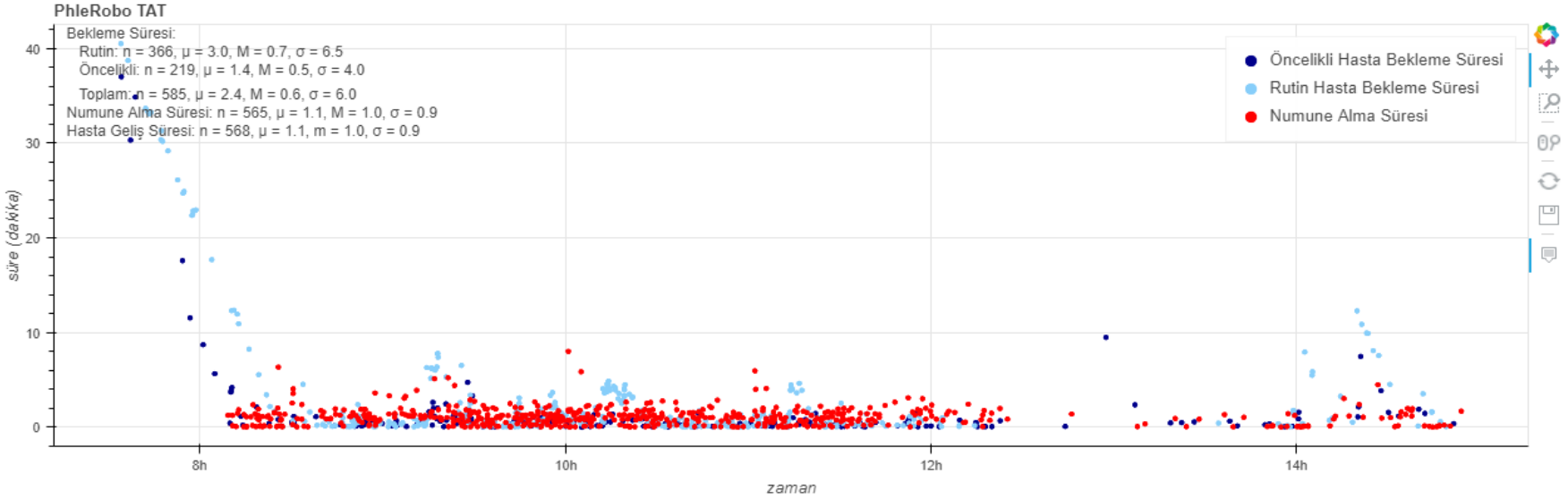
Patient Satisfaction Survey

		Satisfaction after phlerobo								
		Very Bad	Bad	Tolerable	Good	Very Good	Total	Percent		
Satisfaction before phlerobo	Very Bad	1	0	2	5	5	13	3,8%	39,3%	
	Bad	0	1	24	48	49	122	35,5%		
	Tolerable	0	6	6	57	29	98	28,5%		
	Good	2	22	15	13	36	88	25,6%	32,3%	
	Very Good	6	6	5	1	5	23	6,7%		
Total		9	35	52	124	124	344			
Percent		2,6%	10,2%	15,1%	36,0%	36,0%	p<0.001			
		12,8%			72,0%					

Satisfaction after phlerobo

Satisfaction before phlerobo

Phlebotomy Staff Satisfaction Survey
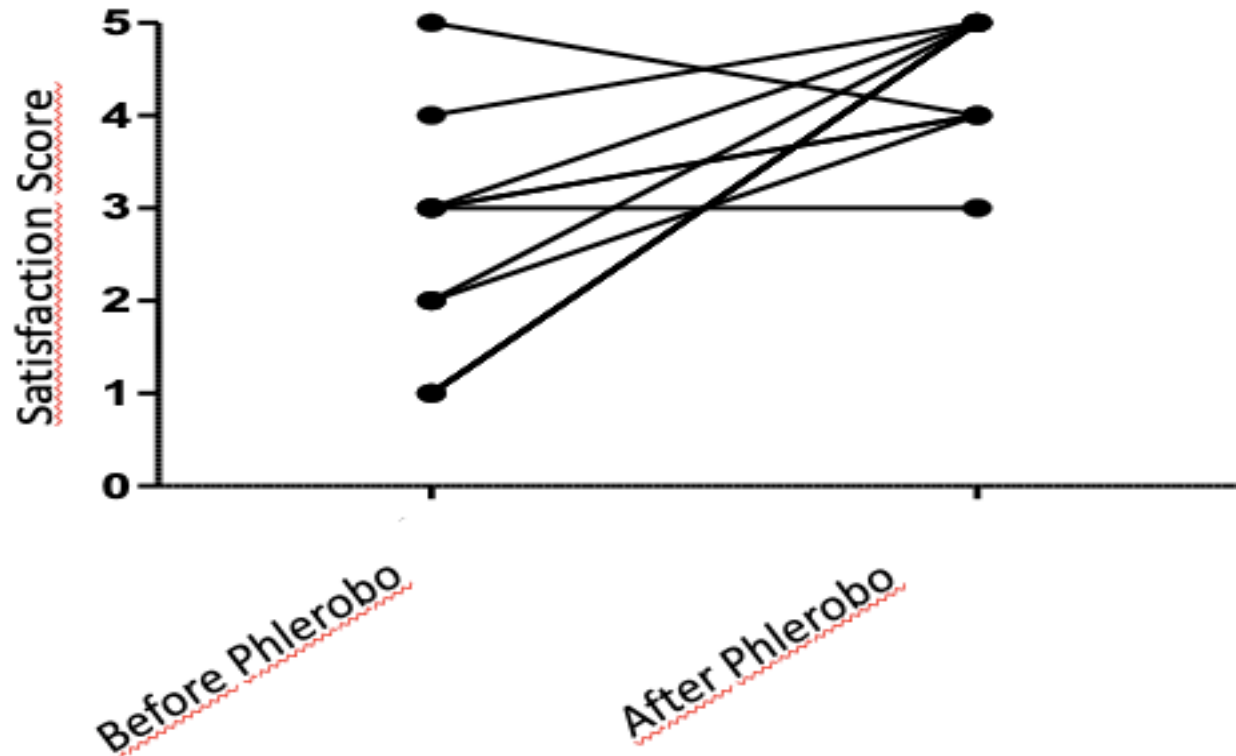
Research Interests

Project Name : VitalPallia

- Vital Bag for :
    - Family Doctors
    - Primary Care Physician
    - Palliative Physician
- 8 – 10 Medical tools in each bag with Wi-Fi
- Pre-diagnosis & diagnosis at home or Ambulance
- Live data transfer with Hospital
- Treatment with Decision Support System
- Integration with Telemedicine System
- Integration with National Health Data System   (E-Pulse)

R&D References

- Izmir Trauma Project, Hospital Registration and Field Triage Protocol According to Major Trauma Response, The prospective analysis of data about trauma in the field.

- Regional Palliative Care

- Education of Trauma Simulation Implementation

- First in Turkey, Real time medical intervention to the multiple trauma, transport the patients in the right time to the right hospital with real time data's.

Specific Topics and Calls

We are interested in

- AI for Genomics and Personalised Medicine DT-TDS-04-2020

- AI for the smart hospital of the future DT-ICT-12-2020

- Digital diagnostics – developing tools for supporting clinical decisions by integrating various diagnostic data SC1-BHC-06-2020

- International cooperation in smart living environments for ageing people SC1-DTH-04-2020

- Use of Real-World Data to advance research on the management of complex chronic conditions SC1-DTH-12-2020

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Collaboration Offer

- AI Experiment

- Oncology Hospital

- Children's Hospital

- Stroke Treatment Center

- Experienced physicians

- Big data for projects

- End user

- Medical Tourism

- 10.000 outpatient per day

- 100.000 refugees in Izmir

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