Circle Of Life

Analytics firm focused on improving healthcare ecosystem using data and proprietary technology products

About Us...

Experts in healthcare, economics, data science and technology, together to revolutionize healthcare and ensure that every decision is data backed resulting in enhanced operational efficiency and patient experience by resolving issues like :

- 1. Unpredictable length of stay & bill estimation
- 2. Sub-optimal resource (Beds, OT, ICU) allocation
- 3. Price elasticity of demand
- 4. Infection management and at risk population identification

and several other problems

Product Suite

ZEVAC (Smart Antibiogram)

Personalised drug prescriptions taking into account institute's bacterial sensitivity pattern and patient's characteristics

SEER (IP Predictions)

Patient level predictions for Bill Amount, Length of Stay, Profitability and OP-IP conversion chances thereby impacting revenues and profit

DRUID (Infection Surveillance)

Intuitive visualisations and highly efficient infection/outbreak prediction algorithms to help deliver unmatched patient care

SKED (Smart OPD Scheduler)

OPD appointment slotting by taking into account no-show chances for appointments taken in advance

SAARTHI (Automated Differential Diagnosis)

Personalised diagnosis basis patient's characteristics combined with clinical data from local demographics

DOCKIE (Doctor's Virtual Assistant)

Al powered virtual assistant to enhance doctor's productivity whileaugmenting their clinical decisions

ZEVAC

Personalized antibiotic recommendations for efficient infection management; Proprietary Machine Learning / Data Mining Algorithms; Zevac learns from sensitivity patterns of locally prevalent micro-organisms in real time

ZEVAC				
SUSPECTED CONDITION	URINARY TRACT INFECT	ION -	DIAGNOSED ANTIBIOTIC REPORT	
Age (in years)	Gender		Effective Antibiotic(Top 3)	
23	• Male Female	Other	Nitrofurantoin	^
Select co-morbidities			Effective for following bacteria	1
Search		۹	Escherichiacoli Enterococcusfaecium Enterococcusfaecalis	Enterococcuss
No_comorbidity			Imperen	•
Cancer (Malignant neopla	ism)		Cefaperazone- sulbactum	~
Renal Disease				
Pulmonary diseaseasthma	a			
Cerebrovascular disease	or tran			
 Severe liver disease 				
Rheumatic or connective	tissue			
Cancer (lymphoma			InEffective Antibiotic(Top 3)	
 Diabetes 				
Peripheral vascular disease	se		Ciprofloxacin	^
 Mild liver disease 			Ineffective for following bacteria	

How ZEVAC helps ...

ZEVAC enhances quality of healthcare delivery by personalising drug prescriptions :

1. Institute Level Personalisation

Zevac learns from institute's pathlab reports about bacterial sensitivity patterns and presents them in easy to understand intuitive visual form for doctors, helping them take better decisions

2. Patient Level Personalisation

Considering variability of drug effect on different individuals, Zevac uses relevant patient details to recommend most suitable antibiotics

1	 Hemiplegia Dementia or Alzheimier's 		Cefotaxime	~
			Ceftazidime	~
			Centazionne	

3. Real-time Learning

With real-time updation from pathlab reports, Zevac continuously updates doctor knowledge, helping them save valuable time in delivery