

Electrophysiological Technicians

In San Diego County

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Electrophysiological Technicians

According to O*NET, the job title Electrophysiological Technician (EP Techs) falls under the occupation Cardiovascular Technologists and technicians (SOC 29-2031). This report focuses on this occupation in California and in San Diego County.

Occupation & Wage Data

In 2015, there were 3,972 EP Techs in California, 357 of which were in San Diego County (table 1). Looking forward to 2020, California can expect to a growth of 646 jobs while San Diego can expect 62 jobs, growth rates of 16% and 17%, respectively. The median hourly wage for this occupation is right around \$30.00.

Table 1. Cardiovascular Technologists and Technicians Outlook¹

Region	2015 Jobs	2020 Jobs	2015 - 2020 Change	2015 - 2020 % Change	5-year Openings	Annual Openings	Median Hourly Earnings
California	3,972	4,618	646	16%	1,065	213	\$30.94
San Diego	357	419	62	17%	100	20	\$29.79

Occupation Cardiovascular Technologists and Technicians is broad and includes other occupational titles, primarily emerging, within it. Estimates in Table 1 include EP techs in addition to other Technicians and Technologists. Data on job postings gives a better idea of how many of these Cardiovascular Technologists and Technicians are EP Techs.

Job Postings in California

To identify job postings related EP Techs, key words and certifications such as “registered cardiac electrophysiology specialist” and “Cath lab” were used. This means that most of the jobs in this search are similar or comparable to EP techs.

In 2015, there were 113 job postings related to the EP tech occupation. Other similar occupations that Burning Glass² found included Medical and Clinical Laboratory Technologists, Radiologic Technologists and Health Technologists and Technicians, All Other. Table 2 lists the top occupations that were related to EP Techs.

Table 2. Top Occupations in Job Postings (California, 2015)

Occupation	Job Postings
Cardiovascular Technologists and Technicians (29-2031.00)	58
Medical and Clinical Laboratory Technologists (29-2011.00)	20
Radiologic Technologists (29-2034.00)	7
Health Technologists and Technicians, All Other (29-2099.00)	6
Medical and Clinical Laboratory Technicians (29-2012.00)	6
Neurodiagnostic Technologists (29-2099.01)	6
Medical and Health Services Managers (11-9111.00)	3
Radiologic Technicians (29-2099.06)	3

¹ Source: EMSI

² Burning Glass provides real-time data on job postings. All data related to job postings comes from this source.

As table 3 demonstrates, the most common job titles in the employer job postings were Laboratory Technologist (25 posts) and Cardiovascular Technician (23). While there were only 2 postings that explicitly listed EP tech as the job title, many of the other job advertisement listed similar certification requirements.

Table 3. Top Job Titles (California, 2015)

Title	Job Postings
Laboratory Technologist	25
Cardiovascular Technician	23
Catheterization Laboratory Technician	17
Cardiovascular Technologist II	5
Cardiovascular Technologist III	4
Cardiovascular Interventional Technologist	3
Radiologic Technologist	3
Anesthesia Technician	2
CT Technologist	2
Electrophysiology Technician	2

Table 4 provides the list of top skills and certifications that appeared in the job postings related to EP Techs. Top skills included Catherization laboratory (Cath lab), patient care and Advanced Cardiac Life Support (ACLS). Top certifications included Registered cardiovascular invasive specialist, American Registry of Radiological technologists (ARRT) and Advanced Cardiac Life Support (ACLS) Certification.

Table 4. Top Skills & Certifications for EP Tech Job Postings (California, 2015)

Skill	# of Postings	Certification	# of Postings
Catheterization Laboratory (CATH LAB)	89	Registered cardiovascular invasive specialist	113
Patient Care	60	American Registry Of Radiologic Technologists (ARRT)	35
Advanced Cardiac Life Support (ACLS)	53	Advanced Cardiac Life Support (ACLS) Certification	14
Cardiology	45	Registered cardiac electrophysiology specialist	12
Catheterization	45	Certified cardiovascular technologist	10
Electrocardiogram (EKG / ECG)	32	Basic cardiac life support certification	8
Radiology	28	American heart association certificate	7
Patient Preparation	22	Registered nurse	4
Physiology	22	Registered radiologic technologist	4
Radiologic Technology	19	Anesthesiologist	2

Top employers posting jobs for EP Techs include Sutter Health, Sharp Healthcare and Medtravelers. And although this data represents all of California, several of the top employers are based in San Diego such as Sharp Healthcare and UC San Diego.

Table 5. Top Employers Posting Jobs (California, 2015)

Employer	Job Postings
Sutter Health	14
Sharp Healthcare	11
Medtravelers	9
Cedars-Sinai	7
Dignity Health	7
UC San Diego Health System	4
Stanford Hospital & Clinics	3
UCLA Health System	3
UCSD Extension	3
Community Memorial Health System	2