



Platelet-Rich Plasma and Stem Cell Therapy for Erectile Dysfunction: Characterization of Market Forces In a Major Metropolitan Area

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Background

- Platelet rich plasma (PRP) and stem cell injections are being offered as a regenerative, second-line treatment for erectile dysfunction (ED)

Objective

- To characterize the marketing and deployment of PRP and stem cell treatments for ED in a large metropolitan city

Methods

- Identified PRP and stem cell treatment providers in Los Angeles, CA via Google Search
 - Surveyed clinics via phone:
 - Credentials of provider administering treatment
 - Pricing
 - Expected course of treatment

Results

- Identified 25 clinics offering PRP and/or stem cell treatments in Los Angeles
- 20 clinics were included for analysis
 - Average cost of treatments:
 - PRP: \$1,368 per injection
 - Range: \$800-\$2,500
 - Stem cell: \$3,817
 - Range: \$2,600-\$5,000
 - Course of treatment:
 - Ranged from one treatment to indefinite number of treatments

Table 1.

Provider	Specialty	Qty.
MD/DO	Urologist	3
	Family Medicine	3
	Internal Medicine	3
	Plastic Surgery	2
	OBGYN	1
	Emergency Medicine	1
	Anesthesiology	1
	General Surgery	1
<u>Other</u> provider	Physician’s Assistant	1
	Chiropractor	1
	Registered Nurse	1
	Naturopathy (ND)	1
	Unknown	1
Table 1: Providers offering platelet-rich plasma or stem cell injections for erectile dysfunction, in Los Angeles, CA		

Conclusion

- Lack of consistency and standardization in the regenerative therapy marketplace**
- AUA and SMSNA classify PRP and stem cell therapy for ED as experimental
 - Marketplace is driven largely by cost and demand rather than evidence-based guidelines
- Lack of experienced practitioners in field**
- Only three urologists who offered PRP or stem cell therapy for ED
 - Investigative opportunity for urologists to evaluate second-line regenerative treatments