

# Deeksha Rani

Ophthalmic Surgeon

## Contact

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## Professional Summary

An Accomplished Ophthalmic Surgeon with a strong commitment to providing top-notch patient care. With a proven track record of surgical success and expertise in the latest advancements in cataract and refractive surgery, I am dedicated to improving patients' quality of life through precision and innovation in eye care.

## Key Skills

Phacoemulsification including premium IOLs

Complicated Cataract Surgery

Pediatric Cataract

Refractive Surgery

Medical Retina

Retinopathy of Prematurity

## Education

AUGUST 2012- DECEMBER 2017

**MBBS** | Baba Farid University of Health Sciences, Faridkot

JANUARY 2018- DECEMBER 2020

**MD** | All India Institute of Medical Sciences, New Delhi

2021

**FICO** | International Council of Ophthalmology

2022

**FAICO (Refractive Surgery)** | All India Ophthalmological Society

## Experience

MARCH 2021 TO MARCH 2024 ONWARDS

**Senior Resident** | All India Institute of Medical Sciences

## Surgical Skills

1. Have conducted more than 2000 phacoemulsification surgeries including premium IOLs, and complicated cataracts like uveitic cataracts, subluxated cataracts, traumatic cataracts, cataract surgery in microphthalmic eyes and eyes with Irido- fundal coloboma.
2. Experience of aphakia management with suture-less flapless Scleral Fixated IOL and Retro- fixated Iris Claw IOL.
3. Have conducted more than 500 pediatric cataract surgeries with a 3-year experience of follow up and visual rehabilitation of pediatric aphakia and pseudophakia.
4. Experience of preoperative evaluation of patients for refractive surgery and conducting Femtosecond LASIK (including topography guided LASIK), PRK, Phakic IOL and SMILE
5. Medical Retina and Uvea including intravitreal injection and retinal lasers.
6. ROP screening and ROP lasers.

## Academic Recognitions

Sr. No	Name of Award	Awarding Agency	Year
1.	Best Case Study in Erudio Academic Achiever's Award	Erudio	2019
2.	Best of IJO Award for <b>Rani D</b> , Kumar A, Chandra P, Chawla R, Hasan N, Agarwal D. Heads-up 3D viewing system in rhegmatogenous retinal detachment with proliferative vitreoretinopathy - A prospective randomized trial. <i>Indian J Ophthalmol.</i> 2021;69(2):320-325. doi:10.4103/ijo.IJO_1720_20	All India Ophthalmological Society and Indian Journal of Ophthalmology	2022

3	Winner- Cataract and Refractive Surgery II, Paper	South Asian Academy of Ophthalmology	2022
4	Winner in free paper session	Indian Society of Cornea and Keratorefractive Surgery	2022
5	L. P. Aggarwal Trophy for "Best of the Best Papers"	56 <sup>th</sup> Foundation day of R. P. Centre for Ophthalmic Sciences, AIIMS, New Delhi	2022
6	Winner, Poster Podium Presentation- Pediatric Ophthalmology	All India Ophthalmological Society	2023
7	Winner, Free Paper- Refractive Surgery	Indian Society of Cornea and Keratorefractive Surgery	2023
8	Winner, Free Paper	Asia Pacific Academy of Ophthalmology	2024
9	Best of IJO award for "Khokhar S, Rani D, Rathod A, Nathiya V, Nayak S, Pujari A,	All India Ophthalmological	2024

	Kumar S, Sharma T. Anthropometry of deep-set eyes with respect to difficulty in docking during femtosecond laser procedures. Indian J Ophthalmol. 2023 Jul;71(7):2711-2716. doi: 10.4103/IJO.IJO_145_23. PMID: 37417109.	Society and Indian Journal of Ophthalmology	
10	Best Senior Resident	RPC foundation day	2024

#### **Other National Participations**

- Jan 2019 Participated in final round of Erudio Academic Achiever's Award, 2018
- 2019 Assistant Editor in quarterly RPC Newsletter, 2019
- Feb 2020 Poster presented in All India Ophthalmological Conference, Gurgaon, India
- 2021 Paper presentation in the virtual All India Ophthalmological Conference
- April 2022 Paper presented at Midterm Delhi Ophthalmological Society, New Delhi
- June 2022 Paper presented at "Young Ophthalmologists"- Pavillion at Annual Conference of All India Ophthalmological Society, Mumbai
- April 2023, Participated as trainer in AIOS Prayogshala at National Ophthalmic Surgical Skill Development Centre, New Delhi
- May 2023, Contested in "Teachers of Tommorow" at All India Ophthalmological Society at AIOC
- Attended Indian Intra Ocular Implant and Refractive Society of India 2024 and was winner of the IIRSI Quiz

#### **International Participations**

- 2019 Poster presented in at 37<sup>th</sup> congress of European Society for Cataract and Refractive Surgery, Paris, France

- 2019 Poster presented at International Society of Refractive Surgery, San Francisco, CA USA
- 2020 Poster presented in International Congress on Glaucoma Surgery, London, England
- 2020 Poster presentation in World Ophthalmology Congress-2020
- September 2022 "Presented Poster" at European Society of Cataract and Refractive Surgery, Milan 2022
- Feb 2024 "Free Paper" at Asia Pacific Academy of Ophthalmology

## Publications

S N o.	Authors	Title	Journal	Page	DOI
1	<b>Rani D</b> , Sharma N, Sinha R, Bafna RK.	A rare presentation of ocular lime injury	BMJ Case Rep	2020;13(9):e235889 Published 2020 Sep 7	10.1136/bcr-2020-235889
2	Dhull C, <b>Rani D</b> , Azad S.	Free-Floating Pigmented Intravitreal Cyst- Where Did It Come From?	Ophthalmol Retina	2020;4(12):1208	10.1016/j.oret.2020.06.001
3	Narde HK, Agarwal D, <b>Rani D</b> , Sonkar R, Kumar A.	A rare association of optic disc pit maculopathy and ectopia lentis.	Indian J Ophthalmol	2020;68(10):229-2230	10.4103/ijo.IJO_1707_19
4	Titiyal JS, Kaur M, Shaikh F, <b>Rani D</b> , Bageshw ar LMS.	Elucidating intraoperative dynamics and safety in posterior polar cataract with intraoperative OCT- guided phacoemulsificatio n.	J Cataract Refract Surg.	2020;46(9):1266-1272.	10.1097/j.jcrs.00000000000000256
5	Pujari A, Sharma N, Bafna RK, <b>Rani D</b> ...	Commentary: Call for innovative indigenous ideas in smartphone ophthalmic imaging.	Indian J Ophthalmol	2020;68(10):2250	10.4103/ijo.IJO_920_20
6	Kaur M, Titiyal JS, Shaikh F, <b>Rani D</b> -.	Femtosecond laser-assisted refractive capsulorhexis Precise capsulotomy with accurate toric intraocular lens alignment	Indian J Ophthalmol.	2020;68(11):2562-2564.	10.4103/ijo.IJO_1677_20

7	Sachan A, Rani D, Lata S, Chawla R	Optic disc pit with multiquadrant peripapillary retinoschisis and choroidal coloboma.	BMJ Case Rep.	2021 Jul 15;14(7):e242557	10.1136/bcr-2021-242557
8	Khokhar S, Kumar S, <b>Rani D</b> , Majumdar 2021	Technique of re-enclavation of post-traumatic disenclaved haptic of posterior iris claw lens in a vitrectomised eye	BMJ Case Rep.	Sep 21;14(9):e245570.	10.1136/bcr-2021-245570
9	<b>Rani D</b> , Kumar A, Chandra P, Chawla R, Hasan N, Agarwal D	Heads-up 3D viewing system in rhegmatogenous retinal detachment with proliferative vitreoretinopathy - A prospective randomized trial.	Indian J Ophthalmol.	2021;69(2):320-325.	10.4103/ijo.IJO_1720_20
10	Khokhar S, <b>Rani D</b> , Wahi A, Sharma D.	Membranectomy with optic capture in a paediatric patient with VAO.	BMJ Case Rep.	2022 Jan 18;15(1):e247666.	10.1136/bcr-2021-247666. PMID: 35042736; PMCID: PMC8768917.
11	Lomi N, <b>Rani D</b> .	Neurotrophic keratitis in hereditary sensory autonomic neuropathy.	Natl Med J India.	2021 Sep-Oct;34(5):316	10.25259/NMJI_205_20. PMID: 35593249.
12	Khokhar S, Gupta Y, <b>Rani D</b> , Rathod A, Moharan a S	North India childhood cataract study: The real scenario and causes of surgical delay of pediatric cataract	Indian J Ophthalmol.	2022 Jul;70(7):2421-2425	10.4103/ijo.IJO_293_22
13	Khokhar S, <b>Rani D</b> , Rathod A, Venkatesh Nathiya, Shreya	Anthropometry of deep-set eyes with respect to difficulty in docking during femtosecond laser procedures2023;	Indian J Ophthalmol.	71(7):2711-2716.	10.4103/IJO.IJO_145_23

	Nayak, Amar Pujari, Saumya Kumar, Tushar Sharma				
14	Pujari A, Modaboy ina S, Thangave I R, <b>Rani D</b> , Khokhar SK	. A pilot randomized clinical trial comparing muscle transplant versus hang back recession in extra- large angle exotropia.	Strabismus	2023 Jul 26:1-7	10.1080/09273972.2023.2 239299
15	Beniwal, Abhijeet; Bafna, Rahul K; <b>Rani,</b> <b>Deeksha;</b> Asif, Mohame d	Atypical viral keratitis in a graft. 10.4103/IJO.IJO_28 33_22	Indian Journal of Ophthalmol ogy - Case Reports	3(3):p 668-670, Jul-Sep 2023	10.4103/IJO.IJO_2833_22
16	Banerjee, Mousumi; <b>Rani,</b> <b>Deeksha;</b> Azad, Shorya Vardhan	Lacteocrumenasia .	Indian Journal of Ophthalmol ogy - Case Reports	3(3):p 944, Jul- Sep 2023.	10.4103/IJO.IJO_887_23
17	Khokhar, Sudarsha n; Kumar, Saumya; Maddu, Sai V; <b>Rani,</b> <b>Deeksha</b>	. Bilateral congenital cataract in a child with fetal valproate syndrome.	Indian Journal of Ophthalmol ogy - Case Reports	3(2):p 319-321, Apr-Jun 2023	10.4103/ijo.IJO_2156_22
18	<b>Rani</b> <b>Deeksha</b> , Rathod Aishwarya	Pupil Size, Lens Vault, and the Missing Link: Unanswered	J Refract Surg.	2023 Dec;39(12):866 .	10.3928/1081597X- 20230913-02.

	, Nathiya Venkatesh, Pujari Amar, Khokhar Sudarshan	Questions in the Comparative Analysis of Dynamic Vault Changes in Two Different Phakic Intraocular Lenses			
19	Khokhar, Sudarshan; <b>Rani, Deeksha</b> ; Kumar, Saumya; Agarwalla, Anushka.	Ribcage sign: A novel morphology of congenital cataract with preexisting posterior capsular defect (PPCD)	Indian Journal of Ophthalmology - Case Reports	3(4):p 1165-1167, Oct-Dec 2023.	10.4103/IJO.IJO_1324_23
20	Khokhar Sudarshan, <b>Rani Deeksha</b> , Rathod Aishwarya, Nathiya Venkatesh, Kapoor Anirudh	Bimanual phacoemulsification for subluxated cataractous lens	Indian Journal of Ophthalmology	72(1):p 126-127, January 2024.	10.4103/IJO.IJO_1188_23
21	Rathod Aishwarya, <b>Deeksha Rani</b> , Tavish Gupta, Sudarshan Khokhar	Bilateral dense coin-like lenticular opacities in an infant	Indian Journal of Ophthalmology- Case Reports	3:1129-30	10.4103/IJO.IJO_1800_23
22	Khokhar Sudarshan, Chandel Lekha, <b>Rani Deeksha</b> , Rathod Aishwarya, Nathiya Venkatesh	Visual Axis Opacification after pediatric cataract surgery- An analysis of Morphology and Etiology	Indian Journal of Ophthalmology	Ahead of print	10.4103/IJO.IJO_2339_23

	h, Pujari Amar				
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## Books/ Reports/ Other Articles

1. Dhull C, **Rani D**, Gupta Y, Khokhar S. Small Incision Lenticule Extraction. In: Khokhar S, Dhull C, eds. *The Art of Refractive Surgery*. Thieme Medical Publishers; 2020:95-126
2. Gupta Y, **Rani D**, Dhull C, Khokhar S. Preoperative Evaluation and Investigations for Refractive Surgery. In: Khokhar S, Dhull C, eds. *The Art of Refractive Surgery*. Thieme Medical Publishers, 2020:13- 34
3. Mukhija R, **Rani D**, T M, Raj N, Tandon R. Corneal Involvement in Systemic Infection. In: Gupta N, Mukhija R, eds. *Corneal Infection and Inflammation: A colour Atlas*. First edition. Taylor & Francis Group, 2021
4. Thirumalesh MB, Astha Jain, **Deeksha Rani**, Prabhav Puri, Divya Agarwal, Alisha Kishore. Blunt Ocular Trauma. *Retina: Medical & Surgical Management*. Second Edition. Jaypee Brothers Medical Publishers, 2022
5. Thirumalesh MB, Vineet Mutha, Prabhav Puri, Divya Agarwal, Raghav Ravani, Atul Kumar, **Deeksha Rani**, Abhidnya Surve. Retained Intraocular Foreign Body. *Retina: Medical & Surgical Management*. Second Edition. Jaypee Brothers Medical Publishers, 2022
6. Kumar A, Agarwal D, **Rani D**. Insights into Myopic Tractional Maculopathy. *RPC Newsletter*, Volume No.1, Issue No.3, 2019
7. **Rani D**, Aggarwal P. Surgical Options in Management of Macular Hole. *DJO* 2020; 2021: 16-20
8. Khokhar S, Rani D, Nathiya V. Managing Cataracts in eyes with Irido Fundal Coloboma. *HJO*, April- June, 2022
9. Significantly contributed in video chapter titled “Congenital Aniridia with Cataract”- <https://doi.org/10.1007/978-981-99-0913-1>

## References

Available on request

## Conclusion

In conclusion, my background and skill sets have prepared me to be a successful contributing ophthalmic physician and surgeon suited for a hospital like yours. Thank you so much for your time and consideration.