

CURRICULUM VITAE/BIBLIOGRAPHY

Srdan Babovic, MD

PERSONAL INFORMATION

Date of Birth: February 26, 1958
Place of Birth: Belgrade, Yugoslavia
Citizenship: USA

PRESENT POSITION

Olmsted Medical Center
Plastic Surgery Department
1650 4th Street SE
Rochester, MN 55904

EDUCATION

Graduate:

Medical School, University of Sarajevo, Yugoslavia, 1976-1981
Degree: M.D. (1981)

Post-graduate:

University of Sarajevo, Yugoslavia
Postgraduate study "Basic Research", 1986-1988

University Medical Center Sarajevo, Yugoslavia
Surgical Internship, 1982

University Medical Center, Department for Plastic and Reconstructive Surgery, Sarajevo,
Yugoslavia
Resident in Plastic Surgery, 1984-1989

Department of Plastic Surgery and Burns, University Clinical Center Ljubljana, Slovenia
Resident, 1989

Canniesburn Hospital, Bearsden, Glasgow, UK
Fellow in Microsurgery, 1992

Johns Hopkins Hospital, Department of Plastic Surgery, Baltimore, MD
Postdoctoral Research Fellow, 1992-1995

Mayo Clinic Rochester, MN
Resident in General Surgery, 1995-1998
Fellow in Plastic Surgery, 1998-2000

BOARD CERTIFICATION

1994 ECFMG

2001 American Board of Plastic Surgery

MEDICAL LICENCURE

State of Minnesota

AWARDS

5 (five) Silver Badges "Hasan Brkic", awarded by the University of Sarajevo for 1976, 1977, 1978, 1979, 1980 academic years.

Gold badge "Hasan Brkic" awarded by the University of Sarajevo, as a best student in 1981.

"Dr Bogdan Zimonjic" Award, Foundation for best students of the School of Medicine, University of Sarajevo, 1980.

Award for the paper "Effects of radioactive iodine I-131 in patients with thyrotoxicosis", awarded by the University of Sarajevo, 1981.

British Council Scholarship, Glasgow, U.K., 1992.

Fulbright Scholarship, Baltimore, USA, 1992-1995

PREVIOUS PROFESSIONAL POSITIONS AND APPOINTMENTS

1982-1983	General Medical Officer, Army Medical Academy, Belgrade, Yugoslavia
1989-1992	Plastic Surgeon, Department for Plastic Surgery, University Medical Center, Sarajevo, Yugoslavia
1990-1992	Assistant Professor in Surgery (Plastic), Medical School, University of Sarajevo, Yugoslavia
1999-2000	Assistant Professor of Plastic Surgery, Mayo Medical School, Mayo Foundation
2000-2001	Plastic Surgeon, Plastic Surgery Associates, St. Paul, Minnesota
2001-present	Plastic Surgeon, Olmsted Medical Center, Rochester, Minnesota

PROFESSIONAL MEMBERSHIPS AND SOCIETIES

American Medical Association
Minnesota Medical Association
Mayo Alumni Association
Zumbro Valley Medical Society
American Society for Plastic Surgery
American Society for Aesthetic Plastic Surgery-Candidate

PRESENTATIONS

1. Ischemic flap tolerance in Streptozotocin-induced diabetes mellitus. Plastic Surgery Research Council, Houston, April 1993
2. Skin flap tolerance to secondary ischemia in diabetic rats. American College of Surgeons, San Francisco, October 1993
3. Free radicals damage compressed diabetic peripheral nerves
American Society for Peripheral Nerve. Rye Brook, May 1994.

4. Free radical damage in acute nerve compression.
Plastic Surgery Research Council, Ann Arbor, MI, June 1994.
5. Effects of tissue expansion on secondary ischemic tolerance in free flaps.
Plastic Surgery research Council, Ann Arbor, MI, June 1994.
6. Compressed diabetic nerves are highly susceptible to oxidative stress.
Plastic Surgery Research Council, Ann Arbor, MI, June 1994.
6. Patterns of island flap survival
American College of Surgeons, Chicago, October 1994.
7. Oxidant stress during wound healing in streptozocin-induced diabetic rats.
European Tissue Repair Society Meeting, Oxford, U.K., August 1994.
8. Free radical injury in acute compression of sciatic nerves in diabetic rats.
Society for Neuroscience, Miami, November 1994.
9. Effects of tissue expansion on ischemic tolerance in free flaps.
American Society for Reconstructive Microsurgery, Marco Island, January 1995.
10. The role of free radicals in acute nerve compression.
American Association for Hand Surgery. Marco Island, January 1995.
11. Oxygen free radicals in acute optic nerve compression.
Plastic Surgery Research Council, New York City, May 1995.
12. Ischemia and reperfusion injury in optic nerve compression.
Maxillofacial Surgery Meeting, Montreal, November 1995.
13. Simultaneous deep plane face lift and CO₂ laser resurfacing- an experimental study.
New Frontiers in Aesthetic Surgery, Dallas, May 1999.
14. Free fibula donor site morbidity. From molecules to mankind. First Annual Mayo Research Forum, Rochester, October 1999
15. Single stage integrated facial rejuvenation -An experimental study. ASPRS, New Orleans, October 1999
16. Free fibula donor site morbidity: The Mayo experience with 100 consecutive harvests.
ASRM, Miami, January 2000
17. The effect of laser resurfacing on flap survival. Plastic Surgery Serener Resident Conference, Gainesville, April 2000

18. Laser resurfacing of skin flaps- an experimental comparison of three different lasers. From Technique to Aesthetics- The Millennium Cosmetic Surgeon, Lake Buena Vista, May 2000

19. Laser resurfacing of skin flaps- An experimental comparison of three different lasers. ASPS/PSEF/ASMS Annual scientific meeting, Los Angeles, October 2000

INVITED VISITING PROFESSORSHIP

Divisione de la Chirurgia Plastica e de Ustioni, Palermo, Italy, September 1990

Lectures: Acute free flap coverage of the traumatic lower leg defects
Replantation-team organization

RESEARCH FUNDING

Institutional funding of \$ 1,738 granted by Mayo Rochester Research Committee for the Study: "Phase I- Influence of Laser Skin Resurfacing on the Incidence of Skin Carcinoma", January 1998

Institutional funding of \$ 21,052 granted by Mayo Rochester Research Committee for the Study: "Single Stage Integrated Facial Rejuvenation- An Experimental Study", October 1998

Aesthetic Surgery Education and Research Foundation Grant \$ 10,000 for the Study: "Single Stage Rejuvenation- An Experimental Study", May, 1999

Institutional funding of \$ 10,749 granted by Mayo Rochester Research Committee for the study: "Integrated Facial Rejuvenation Phase II- Search for the Safe Laser", January 2000

PUBLICATIONS

1. Sucur D., Ninkovic M., Markovic S., Babovic S.: Reconstruction of an avulsed ear by constructing a composite free flap. British Journal of Plastic Surgery, 44: 153, 1990.

2. Babovic S., Shin M-S., Angel M.F., Im M.J., Vander Kolk C.A., Manson P.N.: Skin flap tolerance to secondary ischemia in diabetic rats. Surgical Forum, vol. 44, 667,1993.

3. Babovic S., Shin M-S., Angel M.F., Vander Kolk C.A., Manson P.N.: Flap tolerance to ischemia in streptozocin-induced diabetes mellitus. *British Journal of Plastic Surgery*, 47: 15, 1994.
4. Angel M.F., Babovic S., Ress A.M., Im M.J., Manson P.N.: Patterns of island flap survival. *Surgical Forum* 45: 654-6, 1994.
5. Babovic S., Angel M.F., Im M.J., Ress A.M., Manson P.N.: Effects of tissue expansion on secondary ischemic tolerance and metabolic responses in experimental free flaps. *Ann of Plast Surg* 34: 593-8, 1995.
6. Ress A.M., Babovic S., Angel M.F., Im M.J., Dellon A.L., Manson P.N.: Free radical damage in acute nerve compression. *Ann of Plast Surg* 34: 388-95, 1995.
7. Babovic S., Im M.J., Vander Kolk C.A., Manson P.N.: Oxygen free radicals in acute optic nerve compression. *Proc. Plast. Surg. Res. Council* 40: 135, 1995
8. Babovic S., Ress A.M., Dellon A.L., Angel M.F.: Preliminary observation of the effect of diabetes mellitus on nerve regeneration. *Surgical Forum* 66: 611-3; 1995.
9. Im M.J., Babovic S., Choi B.H., Vander Kolk C.A., Manson P.N.: Effects of glutathione glycoside on ischemia/reperfusion injury in skin. *Free Rad. Biol. Med.* 19: 1995.
10. Babovic S., Shin M.S., Angel M.F., Vander Kolk C.A., Manson P. N.: Flap tolerance to ischemia in streptozocin-induced diabetes mellitus. *Info-Med Orthopedics* Vol. 2. 1996.
11. Babovic S., Im M.J., Angel M.F., Manson P.N.: Role of reactive oxygen species in optic nerve compression injury-A preliminary Study. *Ann of Plast Surg*; 40: 156-159. 1998
12. Babovic S., Ress A.M., Dellon A.L., Angel M.F., Im M.J., Manson P.N.: Nerve regeneration in diabetic rats. *Microsurgery*; 18:9-11, 1998.
13. Babovic S., Clay R.R., Battey M.J., Bite U.: Single stage integrated facial rejuvenation- An experimental study. *Plastic Surgical Forum* 22: 213-5, 1999
14. Babovic S., Zietlow S.P., Garrity J.A., Kasperbauer J.L., Bower T.C., Bite U.: Traumatic carotid artery dissection- case of blindness in an orbito-zygomatic fracture. *Mayo Proc.* 75(3): 296-8, 2000
15. Babovic S., Johnson C.H., Finical S.J.: Free fibula donor site morbidity- The Mayo experience with 100 consecutive harvests. *J Reconstructive Microsurgery* 6(2): 107-10, 2000

16. Babovic S., Bite U., Bridges A.G., Battey M.J., Mackey J.W., Clay R.P.: Laser resurfacing of skin flaps: an experimental comparison of three different lasers. Plastic Surgery Forum 2000
17. Babovic S., Trevino M.T., Petty P.M.: Experimental model for the long-term effects of laser resurfacing. Lasers in Surgery and Medicine 28(2): 138-40, 2001
18. Babovic S., Tran NV, Bite U.: Necrotizing fasciitis of the face and scalp. Contemporary surgery 57 (8): 407-09, 2001
19. Babovic S., Bite U., Karnes P.S., Babovic-Vuksanovic D.:Liposuction: a less invasive method of debulking plexiform neurofibromas. Dermatol Surg. 29(7): 785-7, 2003
20. Babovic-Vuksanovic D., Petrovic L., Knudsen B.E., Plummer T.B., Parisi J.E., Babovic S., Platt J.L.: Survival of human neurofibroma in immunodeficient mice and initial results of therapy with pirfenidone. J. of Biomedicine and Biotechnology 2 (2004): 79-85, 2004
21. Babovic S.: Complete breast reconstruction with autologous fat graft- a case report. JPRAS in press (Available on line Dec. 2009)