

Custom Prosthetic Designs, Inc.

Robert R. Barron

Specializing in Facial Prostheses for conditions
resulting from trauma, disease and congenital defects.

www.prosthesis.com

Robert Barron

Mr. Barron has been working with prosthetics for more than three decades. His expertise in the design, development and creation of state-of-the-art prosthetic devices consistently challenges the status quo.



Biography

- Robert Barron retired from the Central Intelligence Agency in 1993.
- James Woolsey, former CIA director stated, “Mr. Barron is an extraordinary artist and master of the highly specialized craft of personal disguise. Mr. Barron’s competency and artistic skills were unmatched. He was the impetus of the advanced disguise system and the ideal by which all other disguise officers were judged in the area of advanced disguise fabrication. Mr. Barron’s cumulative record of outstanding service, commitment to excellence and personal integrity contributed substantially to the mission of the Central Intelligence Agency, reflecting credit upon him and the federal service.”
- Mr. Barron was awarded The Career Intelligence Medal in recognition of his exceptional achievements with The Central Intelligence Agency for more than 24 years. The last 15 years were devoted to the disguise branch.

Today

- After retiring from the CIA in 1993, he started his second career by creating his own prosthetic business and named it Custom Prosthetic Designs, Inc. He has combined his talents to help people in need of facial prosthetics whose conditions result from trauma, disease and congenital defects. He also specializes in digital prosthesis resulting from amputation.

Media

- He has appeared on many television programs such as, Oprah, Montel Williams, Primetime, Discovery, National Geographic, Chris Wallace “Power Player,” Good Morning America, Seoul Broadcasting system, Inside Edition, The Insider and local news channels.
- There have been many articles written about his work. Children’s Craniofacial Association, Washingtonian, Woman’s World, Woman’s Own, Ripley’s Believe It or Not, Reader’s Digest, People Magazine, Southern Alumni, The Washington Post and many more.

Quality

Robert Barron is one of the most sought-after facial prosthetic specialist in the country. He focuses on his patient's hopes and expectations. His goal is to provide an exquisitely personalized, realistic and functional prosthesis.

The basis for his reputation for creative reality can clearly be seen in the results of his work.

He believes his ability to change people's lives is a gift from God. "He is going through me to improve a person's quality of life."



Auricular (Ear) Prosthesis

- An ear prosthesis artificially restores the ear which has been lost because of radical cancer surgery, amputation, burns and /or congenital defects.
- The delicate structures remaining after surgery are covered by thin, highly sensitive skin. The soft tissue, being very fragile, must be kept free from irritation and debris from the environment. The protective position of the helix helps to cleanse the air of small particles, which might injure and damage the delicate auricular structure.
- The function of the prosthetic ear shape is to direct sound waves into the auditory canal and to maintain a proper environment for the inner ear membranes. It normally improves hearing by about 20 percent. The prosthetic ear retain eyeglasses and retain a hearing aid if needed. It also serves as a great psychological benefit in the rehabilitation of the patient.

Microtia

Before prosthesis



With prosthesis



Microtia

Before prosthesis



With prosthesis



Microtia

Before prosthesis



With prosthesis



Microtia

Before prosthesis



With prosthesis



Bi-Lateral Microtia

Before prosthesis



Bi-Lateral Microtia

With prosthesis



Bi-Lateral Microtia

Before prosthesis



Bi-Lateral Microtia

With prosthesis



Goldenhar Syndrome

Without prosthesis



With prosthesis



Ear Reconstructive Surgery

- Ear Reconstructive Surgery does not give you a normal realistic-looking ear. The final composition will fall short of giving you a pleasing convincing and reasonable appearance of a normal ear. It is advised that you carefully look at your options before making a final decision.
- Some of the reasons why the operations fall short of looking like a normal ear are as follows:
 1. Finding sufficient amount of tissue.
 2. There is not enough bulk tissue to get the reconstructive ear to stand away from the head and atrophy of tissue takes place.

Ear Reconstructive Surgery

3. Color of tissue is a problem and scarring is always an issue.
4. It is hard to get the rib cartilage to attach to the mastoid process. It is just a movable graft and it does not anchor.
5. Surgeons are working with distorted anatomy to begin with: all of these items are against them in the beginning. Thus, results fall short of realistic expectations.
6. Ear reconstructive surgery is not reversible. **Prosthetic restoration is reversible.**

Ear Reconstructive Surgery

Ear reconstructive surgery



Ear prosthesis made to cover up ear reconstructive surgery



Ear Reconstructive Surgery

Ear reconstructive surgery



Ear prosthesis made to cover up ear reconstructive surgery



Ear Reconstructive Surgery

Ear reconstructive surgery



Ear prosthesis to cover up ear reconstructive surgery



Removal of Ear Reconstructive Surgery

Ear Reconstructive Surgery

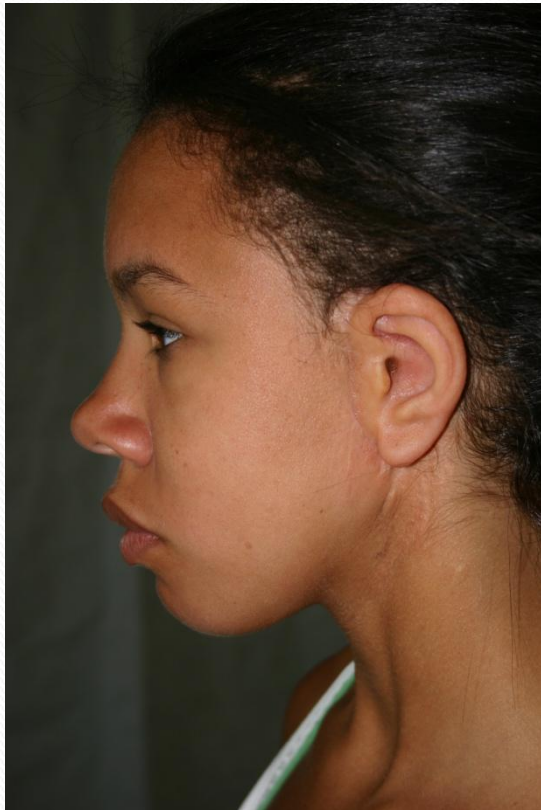


Removal of Ear
Reconstructive Surgery

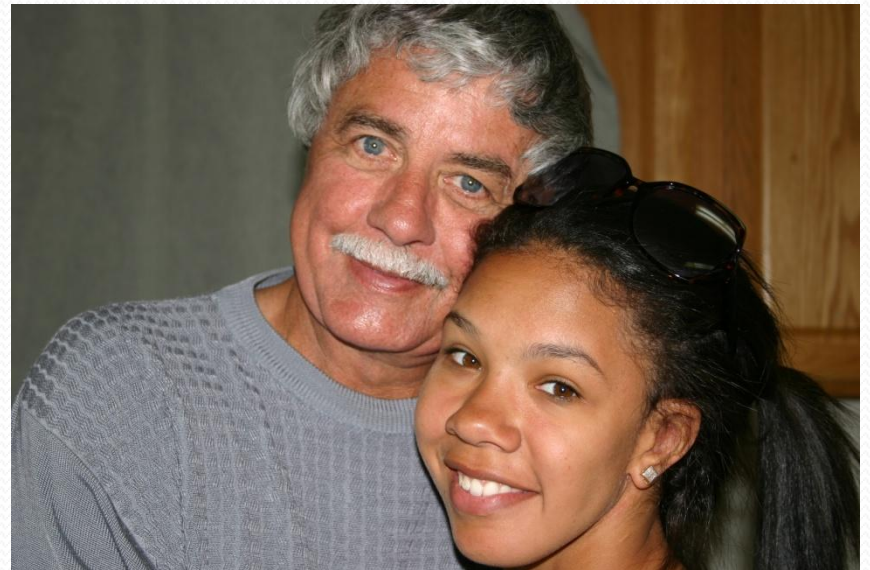


Replaced with Prosthetic Ear

With ear prosthesis



Ashley and Mr. Barron



Removal of Ear Reconstructive Surgery

Ear Reconstructive Surgery



Removal of Ear Reconstructive Surgery

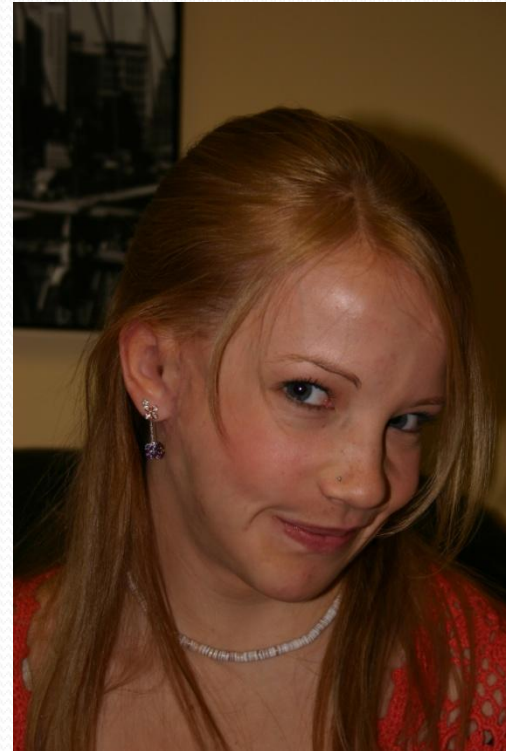


Replaced with Prosthetic Ear

With ear prosthesis



Hannah smiles from ear to ear.



Osseointegrated Ear Implant

- An Osseointegrated ear implant is very useful when the patient requires a very secure form of retention, particularly during strenuous activities, such as sports. The prosthesis directs sound waves into the auditory canal, improving hearing by approximately 20%. It helps retain eye glasses and a hearing aid if necessary.
- This procedure is for individuals who have reached the age of 17 or older.

Osseointegrated Ear Implant

Implant



Implant with ear prosthesis



Orbital with Ocular Prosthesis (Eye)

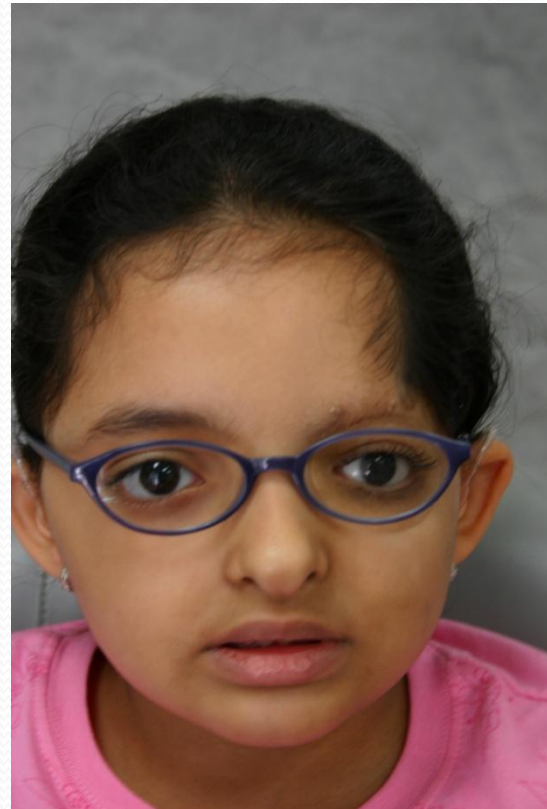
- An orbital with ocular prosthesis artificially restores the eye, eyelids and the adjacent hard and soft tissues which have been lost as a result of radical cancer surgery. They protect the exposed orbital, nasal and sinus tissues from the elements and restores normal speech patterns when the nasal and sinus areas are involved.
- The orbital prosthesis device maintains normal humidity and moisture for the maxillary sinus, oral and nasal cavities. It also houses the ocular piece (artificial eye) and restores the normal appearance of the face. It also serves as a great psychological benefit in the rehabilitation of the patient.

Orbital with Ocular Prosthesis (Eye)

Before prosthesis



With prosthesis



Orbital with Ocular Prosthesis (Eye)

Before prosthesis



With prosthesis

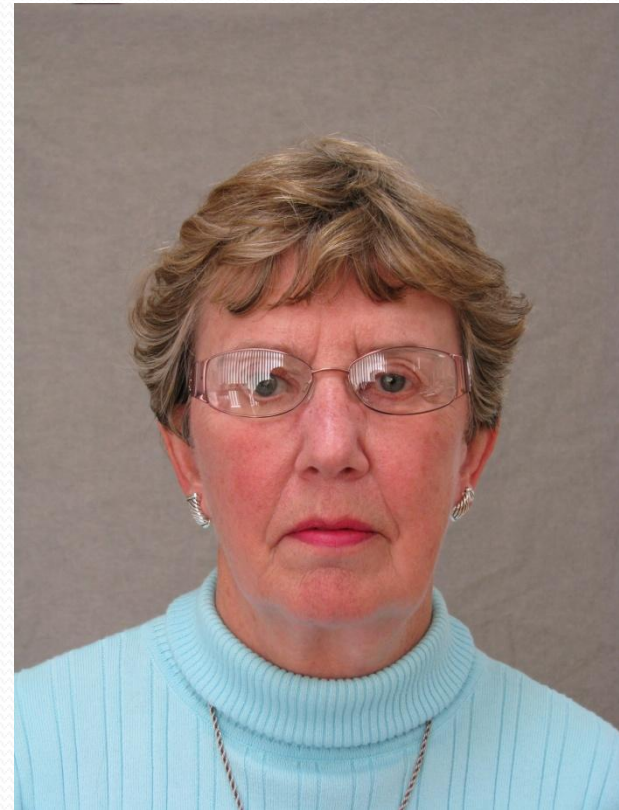


Orbital with Ocular Prosthesis (Eye)

Before prosthesis



With prosthesis

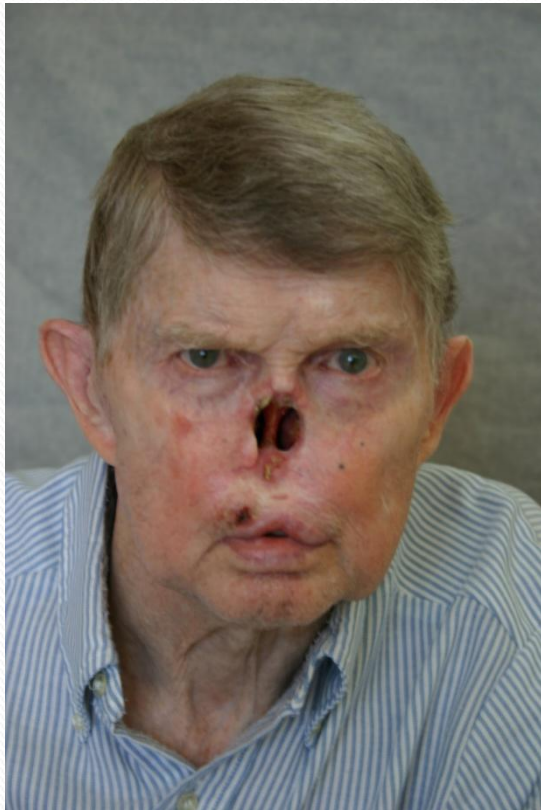


Nasal Prosthesis (Nose)

- A nose prosthesis artificially restores all or part of the nose which has been lost because of radical cancer surgery, traumatic amputation and serious burns.
- The delicate remaining structures and mucous membranes lining the nasal passages must be kept moist and free from irritation.
- The prosthesis duplicates the function of the nose by directing air flow to the nasopharynx. It also helps to maintain proper humidity for the sinuses and respiratory mucosa.
- Normal speech resonance is also restored.
- It provides support for eyeglasses. It also serves as a great psychological benefit in the rehabilitation of the patient.

Nasal Prosthesis (Nose)

Before prosthesis



With prosthesis

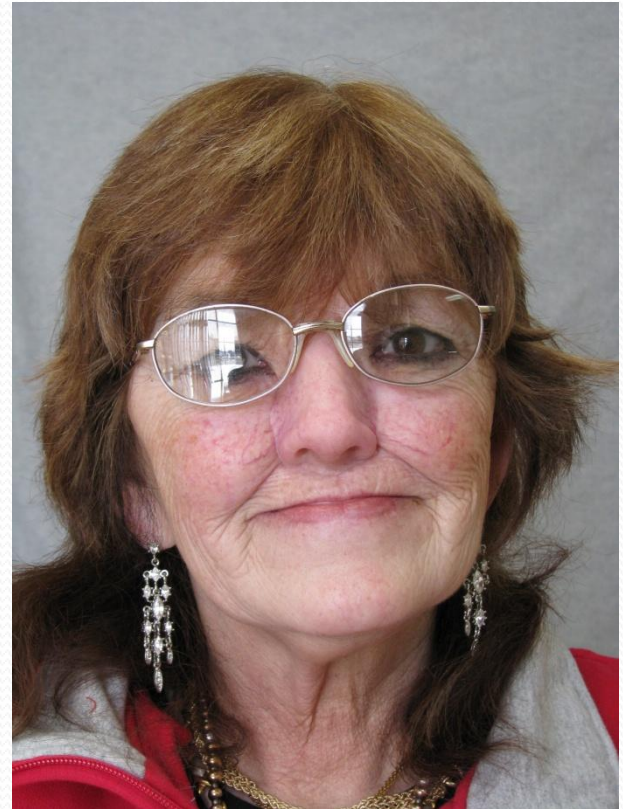


Nasal Prosthesis (Nasal)

Before prosthesis



With prosthesis



Digital Prosthesis (Finger)

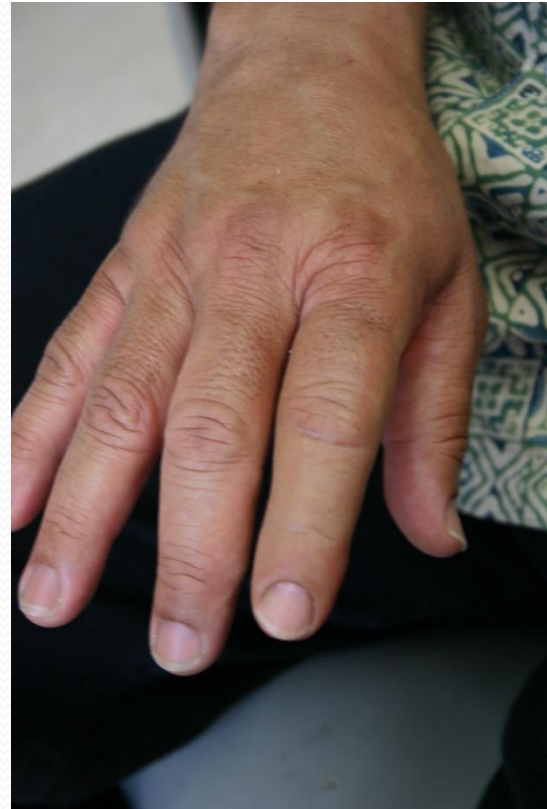
- A custom-designed finger prosthesis replaces a portion or all of an absent finger. If the patient has movement in the remaining portion of the finger, the prosthesis will restore the function of the finger.
- This type of prosthesis is attached by suction or adhesive. The prosthesis will protect the sensitive tip of the finger from trauma and extreme temperatures.
- It will allow the patient to type or use a computer keyboard correctly and without discomfort.
- It also serves as a great psychological benefit in the rehabilitation of the patient.

Digital Prosthesis (Finger)

Before prosthesis



With prosthesis



Digital Prosthesis (Finger)

Before prosthesis



With prosthesis



Contract Information

- For more information please visit our website at www.prosthesis.com or you may email us at cpdrbarron@prosthesis.com
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