

Body Modification

by Alex Ingram

While a teenager the PC may have had a major accident, a serious disease or the onset of a genetic condition that required surgery or specialized therapy. Roll 2d6 to determine treatment course.

- 2-5 Physical Fitness / Diet Modification / Plastic Surgery / Cosmetic Therapy
- 6-7 Prosthetic Device / Organ Transplant Surgery
- 8-9 Bionic Implant Surgery
- 10 Genetic Therapy
- 11 Nano Therapy
- 12 Drug Therapy

Physical Fitness / Diet Modification / Plastic Surgery / Cosmetic Therapies

A variety of physical fitness and diet modification programs are available for PCs willing to spend time and energy in improving their bodies. The easy way is through body sculpting procedures including face lifts, liposuction, breast augmentation or reduction, plastic implants to enhance facial or other body features, laser skin treatments, Lasik vision enhancement surgery, botox injections and hair replacement transplants are common procedures. The extreme being sterile sex change surgery. Firms that specialize in such procedures are often referred to as “Body Shops”. With plastic surgery a PC can change from a Solomani into a Vilani or Zhodani, but their DNA can’t be changed

Prosthetic Devices / Organ Transplants

A prosthetic device has few if any, electronic components, and no form of enhancements or augmentation. It’s generally a low-tech solution that works fine in many cases. It’s an anthropomorphic representation of the PCs natural arm or leg. They are available at TL-7. They can include: Hearing Aids or Contacts, Orthopedic Replacement of Joints or Bones, Prosthetic Limbs (Arms / Hands / Legs / Feet), Electro-Mechanical Organs Transplant (All except Brain), Advanced Synthetic Organ Transplant (All except Brain) or Advanced Personal Transportation Device (Customized Grav-Chairs). This has some limitations in regards to natural organ donor transplants since growing an identical clone for organ harvesting is illegal within the Imperium, genetically compatible private donors, and on some worlds, death penalty prisoners may voluntarily donate their bodies or specific organs for transplant, and there’s a highly illegal underground market for acquiring and selling organs, referred to as “organlegging” or “organ-running”.

Bionic Implants (Cyberwear)

A augmented bionic implant is a device that utilizes advanced electronics circuitry and futuristic materials that’s designed to look and feel like its’ human counterpart. In most cases it includes major enhancements or augmentation for the user. Examples are bio-synthetic organs, bionic limbs, internal hearing and vision circuitry, and neuro-net brain-linkage circuitry (sometimes referred to as a Cyberjack). This is available at TL-13. This can include: Bionic Leg (can include one or both hips, legs, knees, ankles or feet — If only one leg is affected it will general be a standard prosthetic device instead), Bionic Arm (includes one or both shoulders, arms, elbows, wrists or hands), Bionic Organ, Bionic Eye (one or both), Bionic Ear (one or both), Neural Interface Implant with a protective Feedback Gate (Cyberjack Device) or a Computer Implant. Rejection, adverse reactions and side-effects can sometimes occur.

Genetic Therapy (Biowear)

A genetic bio-medical enhancement therapy is a unique medical treatment that effectively changes or modifies the PCs DNA sequence whereby growing a new limb or organ. Genetically tailored DNA can treat cancer affecting only malignant cells. While some procedures are quite safe and practical, others contain significant risks and can result in undesirable or even dangerous side effects. Available at TL-11. Genetic engineered viruses could produce tailored weapons. On a positive note parents can decide on the sex, hair and eye color and other traits of their child. Other possibilities could include: Inductive Stem Cell Therapy resulting in Specific Tissue Regeneration Techniques (regrowing an organ or limb), Selective Rapid Growth Tissue Techniques (using the donors DNA to grow an organ in a laboratory vat), Myosynthetic (Muscular Augmentation) Therapy (increases strength), Antigathic Therapy (anti-aging), Chromatasporic Skin Therapy (provides stealth capability), OstoFusion Therapy (fusing bones with alloy metals or carbon fibers), Neural Sheathing (shielding the brain from psionics), or Brain Growth Therapy (increased intelligence). Adverse reactions and side-effects can sometimes occur.

Nano Therapy

Nano-Bionics / Nano Antibodies

Drug Therapy

Standard Generic & Brand-name Pharmaceuticals, Multi-Vitamins, Genetically Tailored Drugs, Broad-Spectrum Antibiotics, Analgesics-Anesthetics, Various Serums & Vaccines,

This could include anabolic steroids, human growth hormone, Taniron (increases strength), Donlarian, Kentol Alpha / Beta or Xanthium (combat drugs), AnaRad (also known as “NoGlo”) (anti-radiation serum), Vadrikan (speed drug), ReGen IV (Healing Acceleration), Burn Foam (regenerates skin tissue), BioStasis (reduces patients heart rate at 1/10th normal), CryoG (cryogenic anti-freeze drug), Stims (stimulates), Neural Stasis (preserves tissue of recently dead for medical autopsy), various cosmetic drugs (Skin Agents, Botox, Wrinkle Creams), immuno-suppressants, various forms of recreational drugs, Anesthetics, Freezone (sedative drug), Panomycin (broad-spectrum antibiotic), Tranq (knocks the patient out), and various forms of anagathics (anti-aging drugs). An excellent article about Anagathics is listed under www.freelancetraveller.com under Doing It My Way titled “Anagathics”.

Unique or Specialized Therapies (2d6)

Memory Reprogramming (Memory Wipes) / Brain Mapping-Taping / Memory RNA Training / Radio & Chemo Therapy in treating cancers /

Medical Technologies

Neutron Beam Irradiation Scanners, Advanced Low-Field MRI, High-Speed DNA and Protein Sequencing, 3D Ultrasound, X-Ray Holography, Computational & Combinatorial Bio-Chemistry, Molecular Bio-Engineering, High Resolution 3D CT Scanners, Chip-based Molecular Biology Laboratories,