

## 1: Kenneth van Eer (@naturally\_enhanced\_beast) â€¢ Instagram photos and videos

*The naturally enhanced program is the best system ever created for drug-free lifters. It strategically employs exercise science and experience into one, which allows.*

My before picture was taken the day after my girlfriend cheated on me. I knew a change needed to happen. I started with a x4 bench and a x1 OHP. I feel like a fucking beast. Thank you Alex for helping me change my life -Andrei Before This book is calculated to the max in terms of the detail and organization. Volume days will punish your body and make you into a man with the immense psychological game you play to push through. Thank you Alex, your work is phenomenal! I always considered myself fit and athletic, but never did I think I was big. That is, until I was presented with the naturally enhanced program. I also got so strong that I overhead pressed my bodyweight 5 times! I would recommend this system to anyone who wants to look huge while getting strong in the process. Every day I get compliments on my neck, shoulders, and arms. Several times a day, from several different people. I even started getting called "boulder shoulders". Today at the gym a guy approached me and said "Your body is my goal man". These are just a few of the many stories i have since following NE. I love it so far! Pencil neck, no arms whatsoever, no broadness, and i would float in a small t-shirt. The left in the pic I attached is from early October, around the time I discovered neck training and subsequently your content. Both are at the same bodyweight of lbs. Your system is definitely legit. The 6 essential groups mentioned MUST be developed when you are a drug-free lifter, but when you get them to an appreciable size then you will automatically stand out in any crowd. Naturally enhanced helped me pack on a solid inch to my neck, glutes and forearms in only 8 weeks, not to mention that my posterior chain is a lot stronger as well. If you are really serious about packing on as much size as humanly possible without drugs then you would be an idiot to sleep on this book, period. I started lifting with bullshit workout programs, hopping on different programs every damn week. The results were bad, because I had no clue what I was doing. I did not pay attention to nutrition, did 5 day split routines and other stuff like that. I have used your your program for 3 months before I did your novice program for 6 months. With your advice, I started taking nutrition seriously,upped my calories, and began sleeping more. My muscle and strength gains came amazingly fast. All my secrets for getting stronger and building muscle are contained inside this ebook. And much much more. Too many times, you will follow a program without knowing how to perform the exercises listed. This results in you having to watch boring tutorials online, which wastes precious time and energy. They are unique to the MMA, wrestler, field athlete, powerlifter, strongman, weightlifting, and arm wrestling world. By mastering these key exercises your body will truly become naturally enhanced. Every exercise combination and training style is contained in these programs. You can get started with full body concurrent training instantly, without the headaches. The combination of these programs can literally last you a lifetime! All of your enhanced muscles, being the neck, traps, upper back, shoulders, forearms, and glutes will become absolutely massive, causing you to look huge. I know this system works so the risk is all on me. All you must do is correctly follow the program, which is extremely easy to do. Just watch some fitness videos online and see what you find. One bullshit video after another bullshit video. Misinformation is all over the place! These fake naturals are giving out-dated, dangerous, and horrible advice. And why should you trust them knowing that they built their physiques with hard drugs? And let me tell you something very important. The right way, and the wrong way. The naturally enhanced program accomplishes this exactly. Click The Button Below Now. Build the body you want with full body concurrent training Ready to get started?

### 2: [PDF] Naturally Enhanced - Free Download PDF

*You WILL have to read it in its entirety to get the full "Naturally Enhanced" experience. He gives you a template of what your gym workouts should include, but you have to customize each workout yourself.*

Although you may not be concerned about the resale value of your diamond at the time of purchase, you may be interested in selling your diamond or trading it in for an upgrade later. When buying a diamond, it is best to know what contributes to its quality and value to ensure that you make a sound purchase. An important factor to consider is whether to buy a natural diamond or a treated or enhanced diamond. Natural Diamonds Made from carbon, diamonds are the hardest known substance to man and are both a naturally occurring and manufactured abrasive. It takes a diamond 1 to 3 billion years to form beneath the earth. Natural Diamond with Inclusions Diamonds can be purchased in various sizes carats , shapes, colors, and clarities. Natural diamonds are preferred over enhanced or treated diamonds because of their rarity and individual fingerprint. You should also be concerned with the long term care and appearance these enhancement treatments may have on the diamond, as enhancements sometimes result in discoloration or cracks in the diamond. One type of treatment is laser drilling, which is a process that removes minor inclusions in a diamond to produce a clarity enhanced diamond. This process will typically create lines that resemble tiny trails, which are visible under side-view magnification. The laser may dissipate the imperfection, or chemicals may be injected into the resulting tunnel to bleach away the color. This is a more permanent process than fracture filling. However, it is highly debated whether or not this process damages the integrity of the diamonds, thereby decreasing the value of clarity enhanced diamonds in the long term. Fracture filling is a treatment that adds a glass-like resin material to a natural diamond to close small cracks. Fracture filling is not a permanent treatment as heat from future repairs, cleanings, and even sunlight can erode the filler or possibly darken its color, making the diamond less valuable as time goes on. HPHT is a treatment process that General Electric developed to permanently change the color of a diamond. HPHT involves putting a diamond into a pressure chamber and squeezing it at high pressure and high temperature for a short amount of time. Although some feel that this treatment should be considered a standard technique and claim that this process is just finishing the job that nature started, the Federal Trade Commission feels that it is an artificial process and requires that HPHT be disclosed. As mentioned above, laser drilling results in very thin, white lines or tunnels within the diamond that do not follow the pattern of the loose diamond. When fracture filling is used, the diamond may appear flawless when viewed from the top, but careful examination from the sides or other angles may reveal flashes of color that disrupt the pattern of facets in the diamond. Fracture filled diamonds may also have air bubbles trapped within them. Because these hints are only visible from the sides, it is very important to examine the diamond closely and preferable as a loose diamond rather than set into a diamond ring setting. Without this disclosure, consumer confidence in diamond purchasing would be significantly damaged. Most consumers and diamond professionals feel that natural diamonds should not be artificially treated in any significant manner. However, there are many differing opinions about the controversy of enhanced or treated diamonds vs. We do not sell any loose diamonds or diamond jewelry that have been enhanced or treated in any way.

## 3: 4 Ways to Naturally Increase Breast Size - wikiHow

*Naturally Enhanced is the best system ever created for naturals wanting to get yoked.. It strategically employs exercise science and experience into one, which allows you to develop complete general strength and develop your enhanced muscles.*

**Enhanced Supplementation The Truth:** Our goal here at BPI is to help you. This topic tends to bring out a lot of negativity, and people often assume they already know everything there is to know. We simply ask that you read through the entire blog before passing judgment. What do steroids do for you? Steroids provide two main benefits: That means you can train with more volume, more often, and still recover. Protein Synthesis Protein synthesis is the process in which muscle is built back up, also known as anabolism. Supplements like protein and BCAAs help support this anabolic state, while steroids take it a step further and accelerate protein synthesis. Your body is still perfectly capable of protein synthesis in a natural state, and there are numerous training techniques that can help you build muscle. They just enhance what your body is already doing. Steroids are not magic. Much of the debate over them is due to misunderstanding. Think about the controversy surrounding professional baseball players who were caught using steroids. Everyone thinks that the steroids were used to make the players stronger, which resulted in more home runs. This is not how steroids work. The steroids allowed the players to recover faster from their rigorous schedules. These athletes play games a season, multiplied by the number of years in their career. Add in travel, mandatory workouts and practice, and you can start to appreciate the wear and tear they endure. How do steroids impact fitness? In the past, athletes used to train until they reached their natural potential. Once they reached this max genetic threshold, they would evaluate their situation and decide whether they wanted to push their bodies further. Only then would they incorporate steroids. Today, everyone wants instant gratification – quick, easy results instead of dedicating themselves to decades of training. **The Misconception** Yes, there are athletes that will choose to take the short cut. However, there are also guys out there that put in the time and hard work and achieve the same results. Looking good is not an indicator of steroids. Shredded abs are not an indicator of steroids. Reaching your max natural potential requires a level of commitment to training and nutrition that most people will never master. So instead of jumping to conclusions every time you see an admirable physique, give the athlete the benefit of the doubt and show some respect for the work that goes into it.

## 4: Naturally Enhanced Pdf Alphadestiny

*Naturally Enhanced. 44 likes. It Works is a debt free company that has a complete line of nutraceutical supplements to enhance your body naturally from.*

Barium, calcium and strontium sulfates are larger compounds, and the smaller atoms, such as radium and radium, can fit into the empty spaces of the compound and be carried through the produced fluids. The use of tubulars in the production process that are NORM contaminated does not cause a health hazard if the scale is inside the tubulars and the tubulars remain downhole. Enhanced concentrations of the radium and the daughter products such as lead may also occur in sludge that accumulates in oilfield pits, tanks and lagoons. Radon gas in the natural gas streams concentrate as NORM in gas processing activities. Radon decays to lead, then to bismuth, polonium and stabilizes with lead. Radon decay elements occur as a shiny film on the inner surface of inlet lines, treating units, pumps and valves associated with propylene, ethane and propane processing systems. NORM characteristics vary depending on the nature of the waste. NORM may be created in a crystalline form, which is brittle and thin, and can cause flaking to occur in tubulars. NORM formed in carbonate matrix can have a density of 3. NORM scales may be white or a brown solid, or thick sludge to solid, dry flaky substances. Cutting and reaming oilfield pipe, removing solids from tanks and pits, and refurbishing gas processing equipment may expose employees to particles containing increased levels of alpha emitting radionuclides that could pose health risks if inhaled or ingested. Hazards[ edit ] The hazards associated with NORM are inhalation and ingestion routes of entry as well as external exposure where there has been a significant accumulation of scales. Respirators may be necessary in dry processes, where NORM scales and dust become air borne and have a significant chance to enter the body. The hazardous elements found in NORM are radium, and radon and also daughter products from these radionuclides. The elements are referred to as "bone seekers" which when inside the body migrate to the bone tissue and concentrate. This exposure can cause bone cancers and other bone abnormalities. The concentration of radium and other daughter products build over time, with several years of excessive exposures. Therefore, from a liability standpoint an employee that has not had respiratory protection over several years could develop bone or other cancers from NORM exposure and decide to seek compensation such as medical expenses and lost wages from the oil company which generated the TENORM and the employer. The alpha particle is not the most dangerous particle associated with NORM. Alpha particles are identical with helium-4 nuclei. Alpha particles travel short distances in air, of only 2-3 cm, and cannot penetrate through a dead layer of skin on the human body. However, some radium alpha particle emitters are "bone seekers" due to radium possessing a high affinity for chloride ions. In the case that radium atoms are not expelled from the body, they concentrate in areas where chloride ions are prevalent, such as bone tissue. The half-life for radium is approximately 1,580 years, and will remain in the body for the lifetime of the human - a significant length of time to cause damage. Beta particles are high energy electrons or positrons. They are in the middle of the scale in terms of ionizing potential and penetrating power, being stopped by a few millimeters of plastic. This radiation is a small portion of the total emitted during radium decay. Radium emits beta particles, and is also a concern for human health through inhalation and ingestion. Beta particles are electrons or positrons and can travel farther than alpha particles in air. Gamma rays are highly penetrating and some can pass through metals, so Geiger counters or a scintillation probe are used to measure gamma ray exposures when monitoring for NORM. Alpha and beta particles are harmful once inside the body. Breathing NORM contaminates from dusts should be prevented by wearing respirators with particulate filters. In the case of properly trained occupational NORM workers, air monitoring and analysis may be necessary. These measurements, ALI and DAC, are calculated values based on the dose an average employee working 2,000 hours a year may be exposed to. A rem, or Roentgen equivalent man, is a measurement of absorption of radiation on parts of the body over an extended period of time. A DAC is a concentration of alpha and beta particles that an average working employee is exposed to for 2,000 hours of light work. This defines two types of NORM activity: Type 1 NORM industrial activity means: An activity which involves the processing of radionuclides of natural terrestrial or

cosmic origin for their radioactive, fissile or fertile properties is not a type 1 NORM industrial activity or a type 2 NORM industrial activity.

### 5: Naturally Enhanced - Out Alpha

*Finally, after hundreds of hours the overhaul is done! Become Naturally Enhanced at [www.enganchecubano.com](http://www.enganchecubano.com)  
GAMING CHANNEL: [www.enganchecubano.com](http://www.enganchecubano.com)*

This practice is referred to as "clarity enhanced". Laser drilling, and fracture filling treatments result in an unnatural product. These diamonds have been altered and are no longer considered "natural" diamonds. High heat or any type of acid or caustic substance will not affect a natural diamond. A treated or an enhanced diamond will crack or break in these environments. For those customers who wish to purchase diamonds as investments, treated diamonds cannot and will not appreciate in value or hold value as would an untreated diamond.

**Laser Drilled Diamonds Description:** Laser drilling creates a minuscule passageway into the heart of a diamond. This is a small tunnel that is used to reach a large inclusion in a diamond. The manmade opening allows for further treatments, such as boiling out included crystals with acid. In other cases, an internal fracture, feather or knot, can be laser drilled to create a passageway to introduce glass-like substances that soften or minimize their appearance. Once a laser-drilled hole is filled, the Federal Trade Commission states the treatment must be disclosed. Laser drilled holes are sometimes noticeable without the aid of a 10X loupe, but it is thought that the drilling is less noticeable than a natural birthmark in a stone, such as black carbon. When looking through the pavilion of a diamond, the facets reflect the drill hole, so it appears that there is more than one. The purple pools of color at the bottom of the drill holes are called a flash effect, and signal the area has been treated with a diamond-filling compound to make it appear clearer.

**Fracture Filled Diamonds Description:** The treatment process eliminates most eye-visible fractures and feathers in a natural diamond. The artificial filler does not add any coloring or measurable weight to a treated stone. The treatment is permanent even under prolonged exposure to sunlight and ultraviolet lighting. This treatment is virtually impossible to detect with the naked eye, but every fracture filled diamond has a built-in signature called the flash effect. All fracture filled diamonds will reflect either a purplish-blue or green color when examined under a 10X loupe. Furthermore, Israel Diamond Supply advises against the purchase of any treated diamonds. It is always a better investment to own a smaller, natural, unaltered diamond rather than a larger treated diamond. It is the ultimate waste of money!

**6: Free alphadestiny naturally enhanced - [www.enganhecubano.com](http://www.enganhecubano.com) Forums**

*Naturally Enhanced has 2 ratings and 0 reviews: Goodreads helps you keep track of books you want to read.*

Blog What is a Clarity Enhanced Diamond? Education is the key to deciding whether a clarity-enhanced diamond is good or bad for you. Read our guide for all the answers you need to make an informed decision and learn all the pros and cons of clarity enhanced diamonds. For budget-conscious shoppers, clarity-enhanced diamond jewelry can be a great choice. At half the cost per carat of a top-quality diamond, they represent a substantial savings for jewelry buyers. But before you look into buying clarity-enhanced loose diamonds or jewelry, make sure you know the pros and cons and answers to these key questions: What are clarity-enhanced diamonds? Are they real or fake? A clarity-enhanced diamond is a natural diamond. It is not an imitation diamond like moissanite or a lab-made diamond like Gemesis. Diamonds that have visible inclusions or blemishes are often used for clarity-enhanced diamonds. By treating these imperfect diamonds with a carefully crafted method, experienced fine jewelers are able to lessen the visibility of inclusions and blemishes, creating the appearance of a significantly higher-quality - and higher-priced - diamond. How are clarity-enhanced diamonds produced? One common method is laser drilling, which uses a tiny laser beam to tunnel into the diamond and remove inclusions. This method helps eliminate discolorations or specks in a diamond. Another method to remove flaws is called fracture filling. Will people be able to tell that my diamond is clarity-enhanced? To the naked eye, your diamond will look blemish-free and dazzling. Plus, all of our clarity-enhanced loose stones and jewelry come with a lifetime guarantee and trade-up policy , so your satisfaction is guaranteed. Is a clarity-enhanced diamond as durable as a regular diamond? Laser drilling and fracture filling will not weaken your diamond or make it more susceptible to dings and scratches. Is special care required for my clarity-enhanced diamond? However, any time you have your jewelry cleaned or repaired, make sure the jeweler knows you have a clarity-enhanced diamond. Heat from these services can erode the filling, so extra precautions may be needed to protect the diamond. However, if anything should happen to the treatment of your diamond at any time, our lifetime guarantee ensures that we will treat it again at no additional cost. Call Joseph Schubach Jewelers today at for more information on clarity-enhanced diamond jewelry or any of our other diamond and diamond alternative products. With nearly years of experience in the fine jewelry industry, our family has the knowledge and expertise to help you make the right choice - now and forever.

**7: Diamond enhancement - Wikipedia**

*[VLOG] Full Body Volume Antrenmanı - Naturally Enhanced AÄŽIRSAÄŽLAM. Loading Unsubscribe from AÄŽIRSAÄŽLAM? Cancel Unsubscribe. Working Subscribe Subscribed Unsubscribe K.*

Pueraria Mirifica 2 Look into unverified natural oils or creams. In addition to the herbal supplements that claim to enlarge breasts, many topical lotions, oils, and creams claim a similar effect. As with herbs, there is little scientific evidence if any that these solutions have a significant effect on breast growth, though some women claim to have used these topical cures successfully. Before attempting to use any of these methods, contact a doctor to discuss more effective, verifiable ways to achieve your breast enlargement goals. Note that some actual hormonal medications, like estrogen, come in a topical form. At sufficient dosages, these medications are actually known to cause breast growth. Be careful not to confuse these hormonal creams, which can have other side effects, with naturopathic medicines. Sometimes, these sources recommend the use of special oils, creams, or gadgets to encourage growth. Though this may feel good and lead to relaxation, which can cause an improvement in mood and posture, there is no scientific evidence that breasts can be stimulated to grow via massage. However, because this method is relatively safe and inexpensive unless you buy a massage aid available for sale from naturopathic healing stores, feel free to attempt it at will. As noted above, massage can be a handy tool for achieving a relaxed, content mood.

**Method Diet and Exercise 1 Build your pectoral muscles.** Specifically, building the pectoral chest muscles underneath your breasts with regular strength training exercise can help improve the size, firmness, and perkiness of the overlying breast. Below are two sample exercises you may want to try out: Lie on your back with your knees bent and your feet flat on the floor. Hold one dumbbell in each hand with your elbows bent at a 90 degree angle. Use your chest muscles to lift the weights up toward the ceiling and touch them together. Lower the weights to their starting position slowly and smoothly. Do 3 sets of reps times per week.

Get on your hands and knees. Stretch your legs behind you and balance on the tips of your feet. Bend your arms to lower your body toward the ground. Use your arms and chest to return back to the original position. Keep your back straight and your hips elevated so that your body stays in a straight line. You can lower your knees to the ground if standard push-ups are too hard. In addition, toning muscle groups besides those in your chest can also have positive effects on your bust size. For instance, strengthening your shoulder and back muscles can give your upper body a toned, firm appearance and make it easier to maintain pert, erect posture. Both of these can make your breasts appear bigger and more shapely. Get started working your back and shoulders with the sample exercises below: Stand with your feet shoulder-width apart. Hold one dumbbell with each hand in front of each thigh. In a smooth, controlled movement, raise the dumbbells out in front of you and over your head into a "Y" shape. Keep your core firm and maintain an erect posture as you do this. Complete the exercise by lowering the weights back into their starting position slowly.

Grab two dumbbells and get into push-up position with straight arms. Keeping your hips stationary, pull one dumbbell from the floor up to your chest, keeping your elbow tucked against your body. Lower the dumbbell back to the ground and repeat with the opposite arm. While women are perfectly capable of becoming stronger and more toned, they generally have to have the schedules of professional athletes or use steroids to even begin to appear muscly in a masculine way. Breasts are comprised primarily of fatty connective tissue. If you are thin and have small breasts, putting on just a few extra pounds of fat can help fill out your breasts. Some women gain weight in their thighs, belly, or elsewhere before gaining weight in their chest. It is important to follow a healthy diet even if you are trying to gain weight. Increase your intake of lean proteins, healthy fats, and complex carbohydrates, rather than foods rich in unhealthy fats and sugars. In addition, always remember to stay active – the Centers for Disease Control recommend about 2 hours and 30 minutes of aerobic exercise per week along with at least two sessions of strength-training. However, keep in mind that most people look their best and are less at risk for injury when they have a balanced, varied workout routine. For women who want to prevent an unplanned pregnancy and, coincidentally, also desire larger breasts, birth control pills can be an effective solution for both problems, as breast growth is a common side-effect of many hormone-based birth control pills. Most birth control pills contain the female sex hormone

estrogen, which, as discussed below, can cause slight breast growth. The side effects of birth control can include:

**8: Naturally occurring radioactive material - Wikipedia**

*MAC Naturally Enhanced Mineralize Skinfinish (\$ for oz.) is a mix of yellowed brown, reddish-copper, deep plummy brown, and dark yellowed brown. The four shades unite to create a dark, chocolaty brown with subtle, warm red undertones and a satin finish.*

This section needs additional citations for verification. Please help improve this article by adding citations to reliable sources. Unsourced material may be challenged and removed. July Learn how and when to remove this template message Generally there are three major methods to artificially alter the color of a diamond: However, there is recent evidence that fracture filling is not only used to improve clarity, but that it can be used for the sole purpose to change the color into a more desirable color as well. Composition and color into a more desirable fancy-colored stone. Because some irradiation methods produce only a thin "skin" of color, they are applied to diamonds that are already cut and polished. Conversely, HPHT treatment is used to modify and remove color from either rough or cut diamonds—but only certain diamonds are treatable in this manner. Irradiation and HPHT treatments are usually permanent insofar as they will not be reversed under normal conditions of jewelry use, whereas thin films are impermanent. Irradiation[ edit ] Pure diamonds, before and after irradiation and annealing. Clockwise from left bottom: Diamonds enveloped in radium salt slowly turned a dark green; this color was found to be localized in blotchy patches, and it did not penetrate past the surface of the stone. The emission of alpha particles by the radium was responsible. Unfortunately radium treatment also left the diamond strongly radioactive , to the point of being unwearable. Presently diamonds are safely irradiated in four ways: Irradiated diamonds are all some shade of green, black, or blue after treatment, but most are annealed to further modify their color into bright shades of yellow, orange, brown, or pink. The annealing process increases the mobility of individual carbon atoms, allowing some of the lattice defects created during irradiation to be corrected. Cyclotroned diamonds have a green to blue-green color confined to the surface layer: They remain radioactive for only a few hours after treatment, and due to the directional nature of the treatment and the cut of the stones, the color is imparted in discrete zones. If the stone was cyclotroned through the pavilion back , a characteristic "umbrella" of darker color will be seen through the crown top of the stone. If the stone was cyclotroned through the crown, a dark ring is seen around the girdle rim. Stones treated from the side will have one half colored deeper than the other. Cyclotron treatment is now uncommon. Gamma ray treatment is also uncommon, because although it is the safest and cheapest irradiation method, successful treatment can take several months. The color produced is a blue to blue-green which penetrates the whole stone. Such diamonds are not annealed. As with most irradiated diamonds, most gamma ray-treated diamonds were originally tinted yellow; the blue is usually modified by this tint, resulting in a perceptible greenish cast. The two most common irradiation methods are neutron and electron bombardment. The former treatment produces a green to black color that penetrates the whole stone, while the latter treatment produces a blue, blue-green, or green color that only penetrates about 1 millimeter deep. Blue to blue-green stones that are not annealed are separated from natural stones in the same manner as gamma ray-treated stones. It should be noted that some irradiated diamonds are completely natural. One famous example is the Dresden Green Diamond. In these natural stones the color is imparted by "radiation burns" in the form of small patches, usually only skin deep, as is the case in radium-treated diamonds. Naturally irradiated diamonds also possess the GR1 line. The largest known irradiated diamond is the Deepdene. Foiled diamonds are mounted in closed-back jewelry settings, which may make their detection problematic. Under magnification, areas where the foil has flaked or lifted away are often seen; moisture that has entered between the stone and foil will also cause degradation and uneven color. Because of its antique status, the presence of foiled diamonds in older jewelry will not detract from its value. In modern times, more sophisticated surface coatings have been developed; these include violet-blue dyes and vacuum-sputtered films resembling the magnesium fluoride coating on camera lenses. These coatings effectively whiten the apparent color of a yellow-tinted diamond, because the two colors are complementary and act to cancel each other out. Usually only applied to the pavilion or girdle region of a diamond, these coatings are among the hardest treatments to

detectable” while the dyes may be removed in hot water or alcohol with ease, the vacuum-sputtered films require a dip in sulfuric acid to remove. The films can be detected under high magnification by the presence of raised areas where air bubbles are trapped, and by worn areas where the coating has been scratched off. These treatments are considered fraudulent unless disclosed. Another coating treatment applies a thin film of synthetic diamond to the surface of a diamond simulant. This gives the simulated diamond certain characteristics of real diamond, including higher resistance to wear and scratching, higher thermal conductivity, and lower electrical conductivity. While resistance to wear is a legitimate goal of this technique, some employ it in order to make diamond simulants more difficult to detect through conventional means, which may be fraudulent if they are attempting to represent a simulated diamond as real. High-pressure high-temperature treatment[ edit ] A small number of otherwise gem-quality stones that possess a brown body color can have their color significantly lightened or altogether removed by HPHT treatment, or, depending on the type of diamond, improve existing color to a more desirable saturation. The process was introduced by General Electric in 1954. Diamonds treated to become colorless are all Type IIa and owe their marring color to structural defects that arose during crystal growth, known as plastic deformations, rather than to interstitial nitrogen impurities as is the case in most diamonds with brown color. HPHT treatment is believed to repair these deformations, and thus whiten the stone. This is probably an incorrect conclusion, the whitening due to destruction of stable vacancy clusters according to one of the researchers. Type Ia diamonds, which have nitrogen impurities present in clusters that do not normally affect body color, can also have their color altered by HPHT. Some synthetic diamonds have also been given HPHT treatment to alter their optical properties and thus make them harder to differentiate from natural diamonds. Also in 1954, Novatek, a Provo, UT manufacturer of industrial diamonds known for its advancements in diamond synthesis, accidentally discovered that the color of diamonds could be changed by the HPHT process. The company formed NovaDiamond, Inc. By applying heat and pressure to natural stones, NovaDiamond could turn brown Type I diamonds light yellow, greenish yellow, or yellowish green; improve Type IIa diamonds by several color grades, even to white; intensify the color of yellow Type I diamonds; and make some bluish gray Type I and Type IIb colorless although in some cases natural bluish gray diamonds are more valuable left alone, as blue is a highly desired hue. Apparently, dealers were passing off NovaDiamond enhanced gems as naturally colored, and the company refused to be party to this deception. Definitive identification of HPHT stones is left to well-equipped gemological laboratories, where Fourier transform spectroscopy FTIR and Raman spectroscopy are used to analyze the visible and infrared absorption of suspect diamonds to detect characteristic absorption lines, such as those indicative of exposure to high temperatures. Indicative features seen under the microscope include: Diamonds treated to remove their color by General Electric are given laser inscriptions on their girdles: It is possible to polish this inscription away, so its absence cannot be a trusted sign of natural color. Although it is permanent, HPHT treatment should be disclosed to the buyer at the time of sale.

**9: Clarity Enhanced Diamonds: Good Or Bad? Pros and Cons?**

*About Us We believe everything in the internet must be free. So this tool was designed for free download documents from the internet. Legal Notice.*

It can also cause depression, hair loss, anxiety, dry skin and poor memory. Furthermore many being treated for thyroid disease still have many of the symptoms remain. Why is it that so many people are not diagnosed? And why are half of those already on treatment not feeling better? Laboratory ranges can be decided on or just averaged. For blood sugar levels, for example, panels of researchers review glucose levels in people who have become diabetic and compared it to what their blood sugar levels were in the years preceding their diagnosis. Those whose morning fasting blood sugar levels are under 99 were found to have lower rates of becoming diabetic. For thyroid disease the ranges are simply averages. What this means is that a lab will review 10, scores from a thyroid test and create a high and low range based on this group. The low range is the lowest 2. The problem with this method is that these normal values are only reflective of whoever is being tested. Who gets a thyroid test done? These two groups should not be expected to have the same thyroid blood levels as those with optimal thyroid function, yet this is the assumption inherent in the normal ranges. So what is the solution? If you or someone you love has possible hypothyroid symptoms, have a complete panel of tests done including TSH, thyroid antibodies, free t3 and free t4. Look for your TSH to be in the optimal range of 0. If it is not or if the other tests are abnormal, you may benefit from thyroid treatment. If you doctor does not agree look for one recommended by thyroid patients such as <http://www.thyroid.org>: Whether you have thyroid disease or not, here are five easy steps everyone can take to improve your thyroid function: Get the Right Amount of Iodine You want iodized salt for use at home. Sea salt can also be found in iodized forms. All the extra salt we get in processed foods and at restaurants give us too much sodium but no iodine. Eat seafood, any kind helps. Have some seaweed every now and then like Nori found on sushi. Take a multi that contains about mcg of iodine. Avoid very high doses of iodine found in kelp and iodine supplements. Too much is as bad or worse than too little. Consume Selenium This mineral helps your body better utilize thyroid hormones. Getting your needed mcg can be as easy as 1 Brazil nut per day or a good multivitamin. Minimize Mercury Seafood is great but be aware of high-mercury seafood. The most complete current data is from the FDA: Get porcelain or ceramic. Got old ones that the dentist says should go? Get them out and ask us about ways to detox. Avoid Perchlorate This is a toxic by product from rocket and jet fuels. It also forms spontaneously in the arid Southwest soil and ends up in our water. We absorb it from our skin and intestines. Once in our bodies it prevents our thyroid glands from absorbing iodine. Ideally use a filter for your shower also. We also get this from dry cleaning. Take your clothes out the bag ASAP and ideally let them off-gas in the sunshine for a few hours before wearing. Exercise The more aerobic activity you do the lower your odds are of developing thyroid disease. Keep your blood moving! In the case of suspected thyroid disease or any other symptom, never assume that you need to suffer. Educate yourself and take action. You deserve to feel your best!

Biomolecules notes for neet When President Kennedy visited Pike County The evidence of Acts The life and exploits of Jehovah Ebook business model generation In pursuit of liberalism Wild meghan obrien Homeostasis, nephrotoxicity, and renal anomalies in the newborn Introducing Frankenstein Meets the Wolfman Memories of a remarkable life The thumb test for Kibby A rural telephone. A charge delivered to the clergy of the diocese of Ruperts Land at his primary visitation Whitewater kayakers little book of wisdom The theology of the Jehovahs witnesses The law of business structures cassim Chapter 10, Page 94 The Square Root of Minus One. Counselman, M. E. The unwanted. In the forest, the songs and shackles Trader vics bartenders guide The Official Patients Sourcebook on Hansens Disease The mystery of conversion Time management in the bible We May Never Return Remarks on a legislative union of the provinces of British North America Shakespeare for Beginners (Writers and Readers Beginners Documentary Comic Book) One hundred years of the Royal Jersey Agricultural and Horticultural Society, 1833-1933 Castle of Llyr (Chronicles of Prydain Enzymatic dissociation and culture of normal human mammary tissue to detect progenitor activity John Stin The secret memoirs of Lemuel Gulliver: satire, secrecy, and Swift / Book of Object-Oriented Knowledge: Object-Oriented Analysis, Design and Implementation Manual testing notes by girish The Ultimate Jazz Fake Book (Fake Books C Edition Juvenile Problems and Law (Law in Action Series) The World Encyclopedia of Soccer, 2006 Update Concert at Chopins House American Decades 1930-1939 Brauer: oils, gouaches, watercolours, and etchings. The Rhine Campaign Introduction to the Practice of Statistics Study Guide with Solutions Manual