Dental Laboratory Technician Outlook

Dental Laboratory is being established with the goal of providing dentists with restorations of superior quality and value.

I recognize that every practice is different and every dentist is unique. The dental laboratory must continually adjust its methods to meet the constantly evolving challenges of dentistry and aspirations of the dental professional and must be deeply and loyally committed to maintaining consistent product excellence. A big part of the adoption of sensible solutions for growing dentists is the establishment of a confident relationship with a quality dental lab capable of handling high volume orders.

In the field of dentistry, precision and quality are non-negotiable standards. Business and dentistry solutions with reliable performance. Jobs are growing every time we turn on the news, the top story is about our economic problems. No wonder everyone is worried about what the future holds.

The important point to realize is that since we are in an economic transition, what worked in the past will not work today. In fact, if you still practice dentistry the same way you did just two years ago, then your practice is probably declining and will continue to do so.

Employment of dental laboratory technicians is expected to grow 14 percent, which is faster than the average for all occupations. During the last few years, increased demand has arisen from an aging public that is growing increasingly interested in cosmetic prostheses. For example, many dental laboratories are filling orders for white as natural teeth to replace older, less attractive fillings. Additionally, the growing and aging population will require more dental products fabricated by dental technicians, such as bridges and crowns, since more people are retaining their original teeth. This job growth will be limited, however, by productivity gains stemming from continual technological advancements in laboratories.

Job opportunities for dental laboratory technicians should be favourable, due to expected faster than average growth. Few people seek these jobs, reflecting the relatively limited public awareness and low starting wages. Those with formal training in a dental laboratory technology program will have the best job prospects. In addition to openings from job growth, many job openings will also arise from the need to replace technicians who transfer to other occupations or who leave the labour force.

Although there is no formal education or training requirements to become a dental laboratory technician, having a high school diploma is typically the standard requirement for obtaining a job. High school students interested in becoming dental laboratory technicians should take courses in mathematics and science. Courses in metal and wood shop, art, drafting, and computers are recommended. Courses in management and business may help those wishing to operate their own laboratories.

Most dental laboratory technicians are hired with a high school diploma and learn their tasks through on-the-job training. By practice, they usually begin as helpers and gradually learn new skills as they gain experience. For example, dental laboratory technicians begin by pouring plaster into an impres- sion, and progress to more complex procedures, such as making porcelain crowns and bridges.

Training in dental laboratory technology is available through universities, community and junior colleges, vocational-technical institutes.

Certification can be obtained in five specialty areas: crowns and bridges, ceramics, partial dentures, complete dentures, and orthodontic appliances.

In large dental laboratories, dental technicians may become supervisors or managers. Experienced technicians may teach or take jobs with dental suppliers in such areas as product development, marketing, and sales. Opening one’s own laboratory is another, and more common, way to advance and earn more.

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D ear friends,

We are constantly working hard to become the world-wide leading manufacturer of innovative custom made denture products and we want to be recognized by dental professionals as a benchmark for premium den- ture solutions with reliable performance. The dental technical world-wide market is changing day by day. The present state of the art denture technique can not be compared with a short period ago. Research, developments and improvements are con- tinue in full speed. Vertex-Dental capabilities and structure to act unique and independent with a focus on production efficiency, environmental solutions, more durable end products and cost reductions by its end users will lead to more and more successes.

We simply focus on making our products and techniques deviating from the norm in splendid solutions. Therefore we are constantly looking forward for growing of our business, our organization and our performance.

We will constantly develop, produce and launch innovative products and techniques with a focus on denture production. Our main focus is innovation in combination with anticipation on new trends in the Dental Technical market. Vertex Thermo-Sens is our latest innovation in this regard. A monomer free, low allergic, virtually unbreakable denture solution with a remarkable world wide feedback.

We believe that the growth of our market leadership is only possible by peoples knowledge and our world wide network. We are proud to tell you that our team is existing of the best professional mix of Master technicians, Chemists and Marketers were dignity, eagerness and drive streams through our veins.

Yours faithfully
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Dental Laboratory
High Technology Lab: We incorporate several methods in order to increase our effectiveness

by Dental Tribune Middle East & Africa

High Technology Lab, located in Sharjah, UAE. How long has the lab been in business? This laboratory was established in 2003, so that would make it 10 years now. What are the type of clients you deal with? Do you focus solely on UAE, or also internationally? We have both international clients from France, Qatar and Saudi Arabia, as well as local clients from the UAE. Why should international clinics and dentists choose your laboratory? We advise them to use our laboratory because of our Quality Control Department. This means that the three people working in the Quality Control Department receive the work 24 hours prior to the delivery time and review the quality of all the factors involved in its production. Although we incorporate several methods in order to increase our effectiveness we always have one principal here that we always adhere to: Always be honest with the dentist. We feel that it’s not important to use ‘who is at fault’, but rather ‘how can we solve this problem?’ This way, we will be able to know where the problem is, and what changes to make to assure that the dentist receives the kind of material that he wants. If the problem is with the dentist, we will be honest and tell him and the problem comes from our lab, we will be sure to take the steps to guarantee that it will not happen again. Can you tell us some of the details of what exactly is involved in providing the high quality of service that you do? Another thing that we follow here in the Lab is to use one kind of material. There are around 5 quality types of materials we use; they are from India, China, various GCC countries and Europe. Now, we obviously want to use the best kind of material, so which is it? We cannot just use non-precious metals, there are far too many kinds of it. There are, however, non-precious metals that are specifically nickel free. And through science, we understand that nickel free non-precious metals are the best kind of non-precious metals because the ‘nickel free’ factor means that it does not oxidize. What about the people behind the work? What allows them to constantly produce good work? A large part of our success here is also dependent on our technicians. Our employees here follow our policy that everyone from the technicians to the drivers are responsible for their own work: as there are individual consequences for poor work, there are also rewards for work that is well done. With this combination of high quality materials and technician service, we can guarantee ourselves and our clients that they will receive the very best.