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About IDT

Image Diagnostic Technology was founded in November 1991. We have a sister company, IDT Dental Products Ltd, founded in November 2000. The Processing Lab and main office for both companies is based in Acton, West London.

IDT is a small but highly regarded independent medical image processing company that works closely with hospitals, surgeons, dentists and dental labs. Much of our work involves the reformatting of computed tomography (CT) scans and we provide a unique service that has cornered the dental implant planning market. We pride ourselves on providing a courteous, helpful, efficient and effective service and on delivering excellence in our products and the services we offer. Our motto is “Making the most of your image™” and for our customers, that is exactly what we do.

You will provide advice and support to IDT’s customers and staff and will find the work varied, interesting and challenging, with ample opportunities to learn new skills.

Job Description

Job Title: Dental Technology Specialist **Two Year Fixed Term Contract**

Main Purpose of Job:

To prepare patient datasets for the construction of surgical drill guides and stereolithographic anatomical models. To liaise with dentists and dental laboratories. To develop new business opportunities within the dental technology market. We expect that little or no traditional hands-on laboratory work will be required at first but this may change in the future.

Location: London W3

Normal Working Hours: Monday to Friday, 9 am to 5 pm

Responsible to: The Managing Director

Main Tasks of Job:

- Import and process patient datasets from a variety of CT scanners.
- Segment CT axial data.
- Create a virtual 3D image from segmented data.
- Convert axial data and virtual 3D into a format suitable for Dental Implant Planning software such as **SimPlant**.
- Distribute datasets via CD, or e-mail or Secure FTP.
- Update and maintain in-house clinical database as required.
- Liaise with hospital scanning sites regarding CT data quality issues.
- Obtain requirements and treatment plans from Dentists and Dental Laboratories prior to processing **SurgiGuide** & **Anatomical Model** orders.
- Process 3D datasets for the production of **Anatomical Models** as required.
- Inspect Clinician's computerised **SurgiGuide** planning file, liaise with Clinician to resolve any queries.
- Send completed **SurgiGuide** and **Anatomical Model** files for SurgiGuide or Anatomical Model production.
- Liase with dentists and dental labs to develop new products and services for the dental technology market.
- Occasional office visits to Clinicians at their place of practice.
- Occasional lectures at SimPlant or SurgiGuide workshops.
- Occasional out-of-hours travel to Trade Fairs, Seminars, Dental Labs and Hospitals that may require an overnight stay.
- Other duties that may be required to meet IDT's overall business objectives and your personal growth within our organisation.

Job description approved by:

Managing Director

18 September 2006