

VisionVoice Dictate Onsite Trial Overview:

The purpose of the on site 4 week trial is to establish a time saving for GP's within main aspects of daily duties spent typing. Within this process, the time saving we wish to show will enable GP's to create more detailed notes in consultations, referral letters, emails etc.

The test we have created is set out into 3 main components shown below. Each GP will be timed typing these components into their PC in the same order for consistency. The results will then be recorded. At the end of the 4 week trial period we will return to conduct the same test again using Vision Voice Dictate and record the results generated. We hope to show that a minimum 20% time saving overall on these daily typing tasks is apparent using VisionVoice Dictate as opposed to typing.

Please note: The process during the test will vary slightly for doctors dictating their own referral letters to those who use Dictaphones and pass the tape to a secretary. For this reason we will also time the secretary listening to and typing the referral letter and then time the process involved using our system to include this within the overall results.

Stage 1 – The Consultation:

- Chest pain - past 4 weeks tightness in chest on exercise with signs of breathlessness on examination. Eases on resting, worse on inclines, wind and cold. No radiation. Not related to food. Bloods taken, Refer chest pain clinic
- Weight: 82 kgs - BMI: 28.3 O/E - weight
- BP - 160 / 94 taken sitting. Cuff: Standard recall due: O/E - blood pressure reading
- Smoker - Cigarettes: 20 Cigarette smokers
- FH: Ischaemic heart dis. <60 of Ischaemic heart disease father MI 45
- Health ed. - smoking for Smoking STOP card given

Stage 2 – A Routine Referral Letter:

PATIENT: Micky Mouse
PATIENT NUMBER: 6638
ADDRESS: Florida Towers, Florida,

Dear Dr Smith

Thank you for seeing this young man who has developed anginal sounding pain over the past few weeks. He is experiencing tightness in chest on exercise and shortness of breath. He is a smoker, hypertensive and there is a family history of IHD. This patient is becoming severely distressed by his condition and I would be grateful for your expert opinion.

Many thanks

Yours sincerely

Dr _____

Notes to Secretary:

Please attach patient's previous medication history to letter

Stage 3 – Email to secretary:

Jackie,

Could you do C&B and attach letter for Micky Mouse and mark as urgent as this patient is becoming severely distressed by his condition. We need to refer this patient to the local hospital as soon as possible.

Thanks

Dr _____

(Signature inserted)

Results:

GP1-Name/Typing time/VVD time:

Secretary not involved as GP types own letters

Typing time-7 Minutes 29 seconds

VVD time- 5 minutes 27 seconds

Secretary - letter time to type from dictation: 7 minutes

Letter time to cut and paste from dictated transcript: 1minute

Post Test Summary Hands Free Computing:

After conducting the trial over a 4 week period on the Vision clinical system with Dr Forsdyke at Leigh Family Practice, I conclude the results are extremely positive in terms of a time saving on the whole admin process for consultations, referral letters and emails. Ideally we would have liked to have had another 2 users on the software to give a broader overview, however the surgery accept that their PC's weren't up to spec to enable our trainers to do this. Overall I am pleased with the outcome and a minimum of a 27% time saving on a targeted 20%.

Dominic Scales, Area Account Manager, Hands Free Computing, April 2010

Post Test Summary GP:

The system has learnt my speech over the period of the trial and is making many fewer mistakes now. I am making more detailed entries into the clinical notes and my referral letters are also more comprehensive. The time of a consultation has not significantly altered though initially the need to correct the input did slow me down. Overall I feel that the system is of benefit to myself and to patients.

Dr Neil Forsdyke Leigh Family Practice, Lancashire, April 2010

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