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# FaceAge<sup>®</sup> Photoshop

Plugin for Photoshop, Elements

User's Manual

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**Pantomat Ltd/Abalone LLC.**



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First edition  
June 2010

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The base of the FaceAge software is the patented procedure by Pantomat:

**P0200767 - METHOD OF PRODUCING THREE-DIMENSIONAL MODEL OF A HUMAN HEAD ON THE BASIS OF A TWO-DIMENSIONAL PICTURE** – HPO-2002, PANTOMAT, Lorant Szabo

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The manual and illustrations were made using the Microsoft Word, Photoshop and FaceAge programs.

For "How-to" videos pls. visit:

<http://lib.store.yahoo.net/lib/yhst-48396527764316/FAPS.wmv>

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# Introduction

## **Add age, weight to any face.**

FaceAge is the individual and patented product of Pantomat and Abalone LLC. The program adds age, weight, to 3D models and faces.

FaceAge works with Photoshop and Photoshop Elements

## **What Makes FaceAge Different from Other Aging Software?**

In short - 3D. Aging is a 3D process that cannot be imitated by pushing pixels around. FaceAge uses a 3D mesh that is altered twice: 1. To conform to the character of the photo and 2. To affect the shape changes due to aging, such as the sagging of the cheeks, the changes in jawline, the recession of eyes, etc. These are all genuine "shape" changes that make the aging (or reverse aging) realistic.

FaceAge also uses bumpmaps (another 3D process) to imitate wrinkles.

- This plug-in works directly inside Photoshop and Photoshop Elements
- Easy "place-the-dots" interface
- Sliders to add/reduce age, weight
- Video tutorial
- 35-page manual



Splash screen of FaceAge PS

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## System requirements

### Required hardware

FaceAge runs with the following minimal hardware:

#### **WINDOWS:**

Pentium 4 at least 1.3 GHz (2 GHz dual core or faster recommended)

Windows 2K (XP or Vista recommended)

1 GB RAM min (2GB recommended)

100MB free hard drive space for installation

(200 MB recommended)

OpenGL 1.3 compatible graphics card with at least 128 MB RAM

(Hardware accelerated OpenGL 2.2, or higher, compatible recommended with 512MB RAM)

**CURRENTLY ONLY ON 32-BIT PHOTOSHOPS!**

#### **MACINTOSH:**

Intel-based Macintosh only (won't run on Motorola PPC)

Macintosh OS X 10.4 or later

**CURRENTLY ONLY ON 32-BIT SET IN PHOTOSHOPS!**

### Needed software

FaceAge runs under the following system softwares:

Windows Windows VISTA or W7 and Macintosh OS X (10.4 or later) operating systems.

FaceAge PS plugin works with most Photoshop and Elements versions.

To read pdf manuals Adobe Acrobat is recommended

To watch “How-to” videos Windows Media player is recommended

**This is a 32-bit application.**

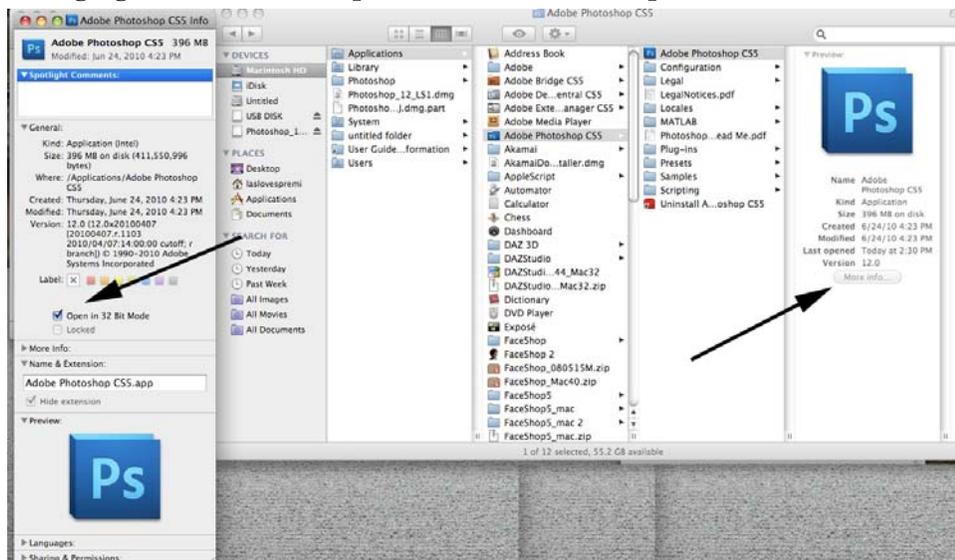
# 1 FaceAge Installation

There is no installer for FaceAge Photoshop Plugin.

On Windows: Simply copy and paste the two files (faceage and faceage.8fa) into the Photoshop “Filter” folder. This folder is often inside the “Plugin Folder” in your Adobe Photoshop and Elements application.

On Mac: Simply copy and paste the file (faceage.plugin) into the Photoshop “Filter” folder. This folder is often inside the “Plugin Folder” in your Adobe Photoshop and Elements application.

## Changing a 64-bit Photoshop into a 32-bit Photoshop on the Mac



Select Photoshop application. Click on “More Info” (or Get Info). Click on “Open in 32-bit Mode”.

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## Starting FaceAge

1. Launch Photoshop or Elements
2. Open a photo showing a human face

**To work well with FaceAge, photos need to be taken from front.**

**Slightly turned heads may also work well.**

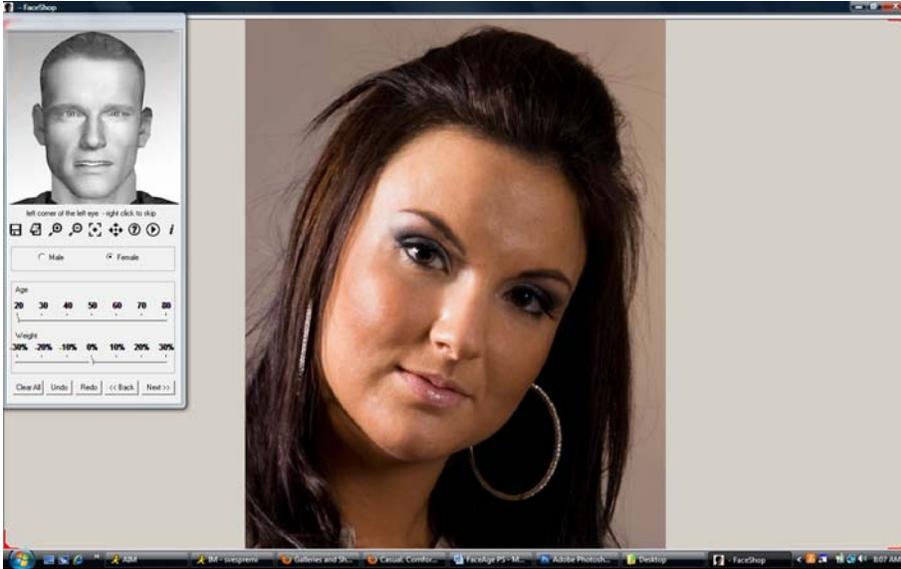
**Avoid photos that are profile or  $\frac{3}{4}$  profile!!**



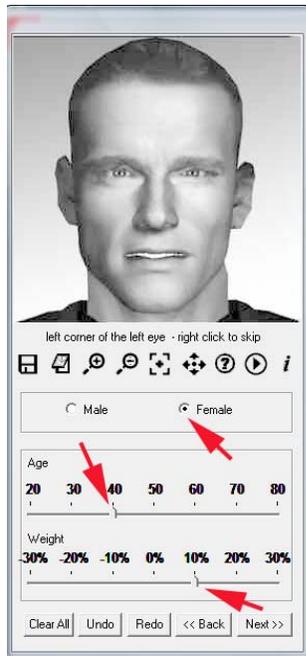
3. Select an area around the face as shown



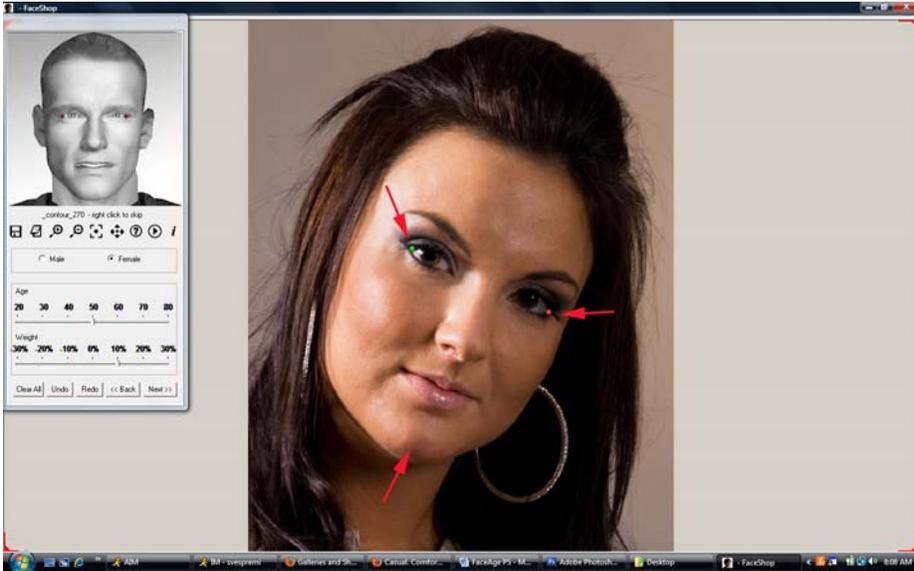
4. Launch FaceAge from “Filters>Pantomat>FaceAge”
5. You will see the first screen as below



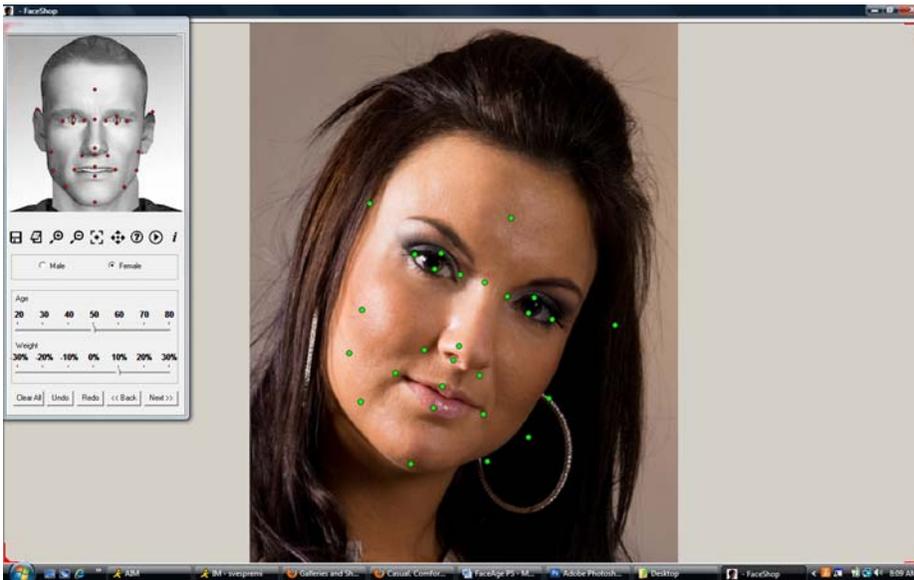
- Set the initial perimeters in the dialog. For example this woman is female, maybe either 30 or 40 year old, and maybe 10% overweight.



- Next we will place the initial three dots as shown on the guide. One dot for each outer eye corner and one for the chin.

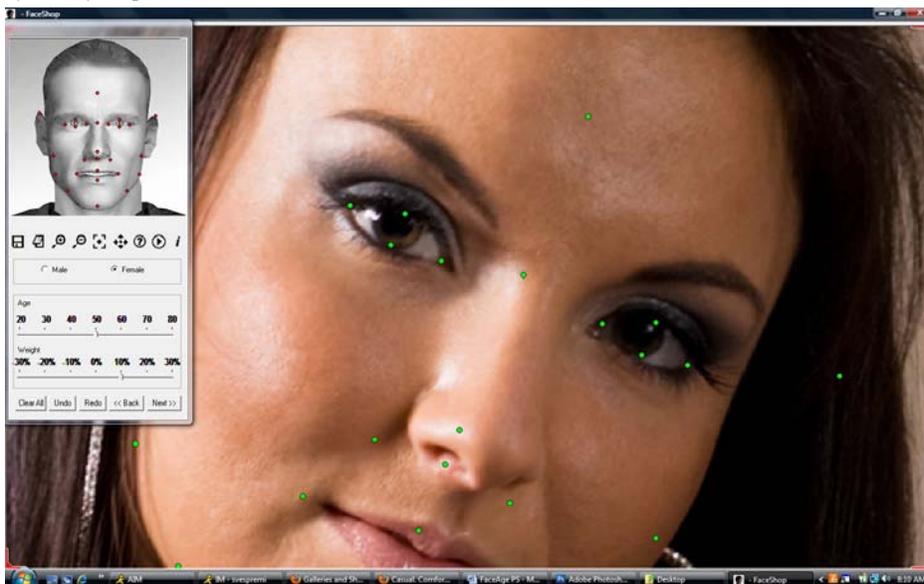


- The program places automatically another 25 dots on screen. Our task is to move these dots in place as shown in the guide.

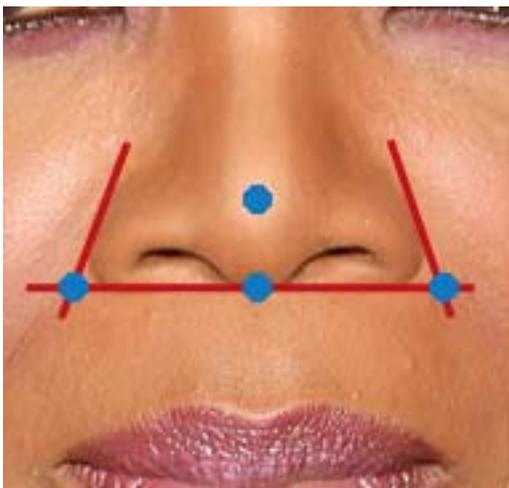


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IMPORTANT! Moving dots in place takes practice and will greatly affect the quality of our work. Here are a few hints. Notice that the dots you are about to move light up blue in the guide. Eyes: Try to place the dots inside the lids.

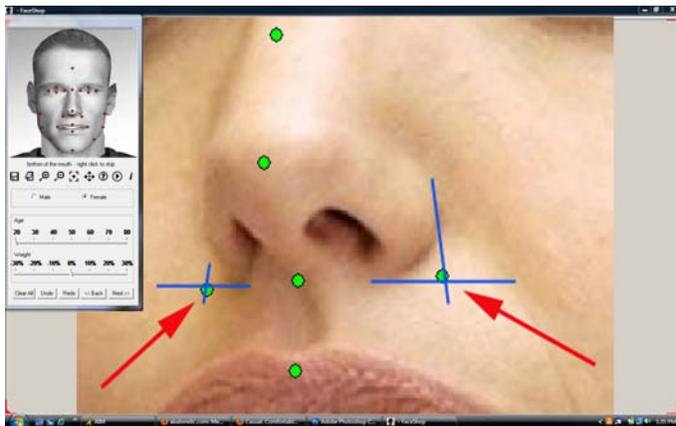


Nose: This is critical! The dots on the corner need to be aligned with the bottom of the nose and slightly wider than the corner of the nose (see example below).

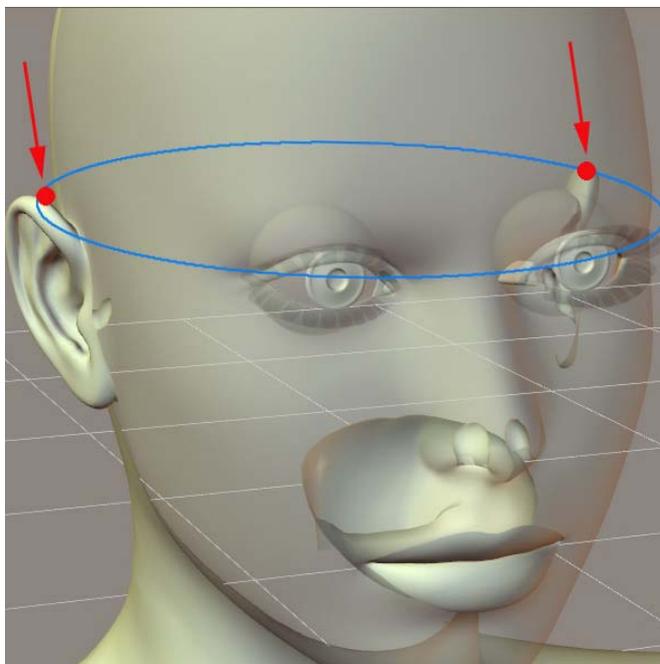


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Of course if the head is turned up and slightly to the side as below, this needs to be taken into consideration as well.

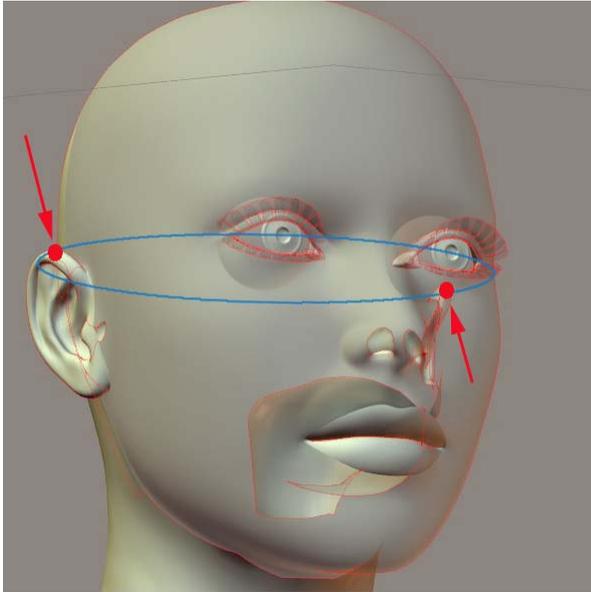


Ears. This can be tricky, too. In many cases you may not see one ear or maybe even have to guess both like in this example. This takes a little thinking and practice. Normally the tips of the ears are in line with the eyes. However, as a head is rotated down, these positions may change as shown and the tip of the ear is ABOVE the eye level.



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The opposite situation is where the head is rotated up (as looked at from below). Here the ears shift in the opposite direction and are lower than the eye level (see below).



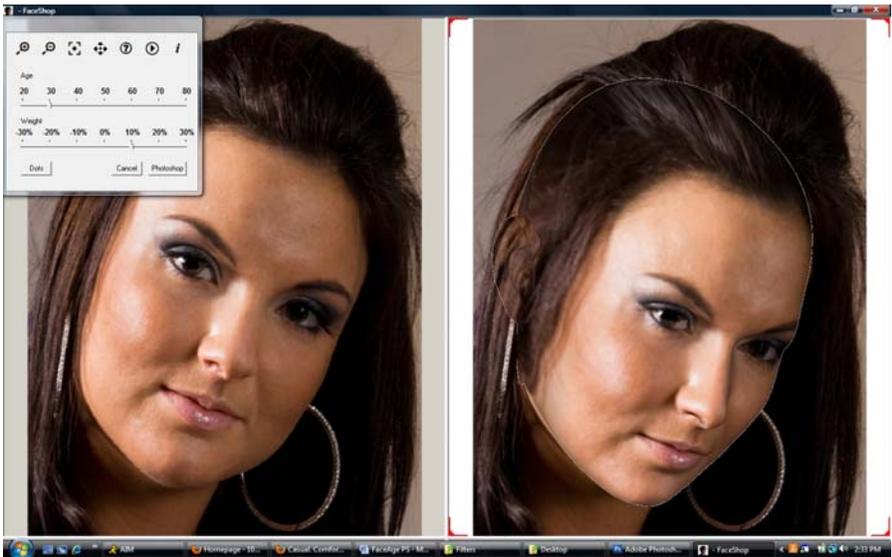
9. Move the rest of the dots inside the face as shown. Notice how the dot for the left ear appears inside the left eye.



10. When all the dots are in the right location click “Next”.
11. FaceAge will spend 20-40 seconds calculating the head’s position, the new morph and the texture.
12. When finished, you will see the final screen as shown below.



13. You may rotate the head around (right mouse button)



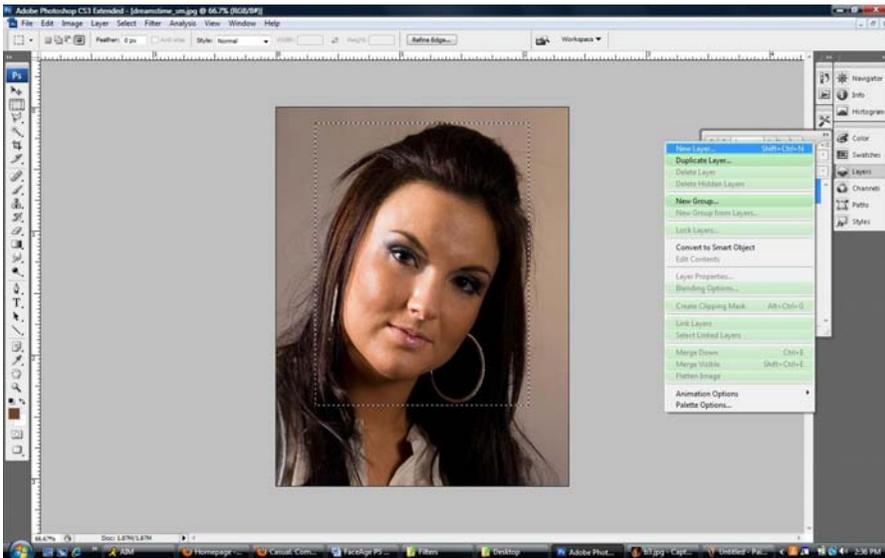
14. Now it is time to slide the age button to the right, to 70.



15. If you like the results, click on the “Photoshop button

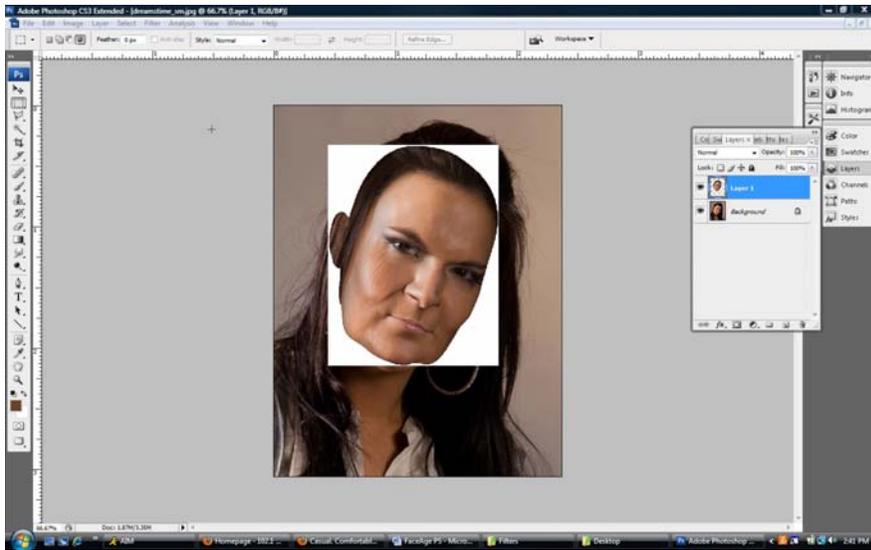
16. This will place the new head on the Clipboard, close FaceAge, and takes you back into Photoshop

17. In Photoshop it is a good idea to create a new layer for the new head

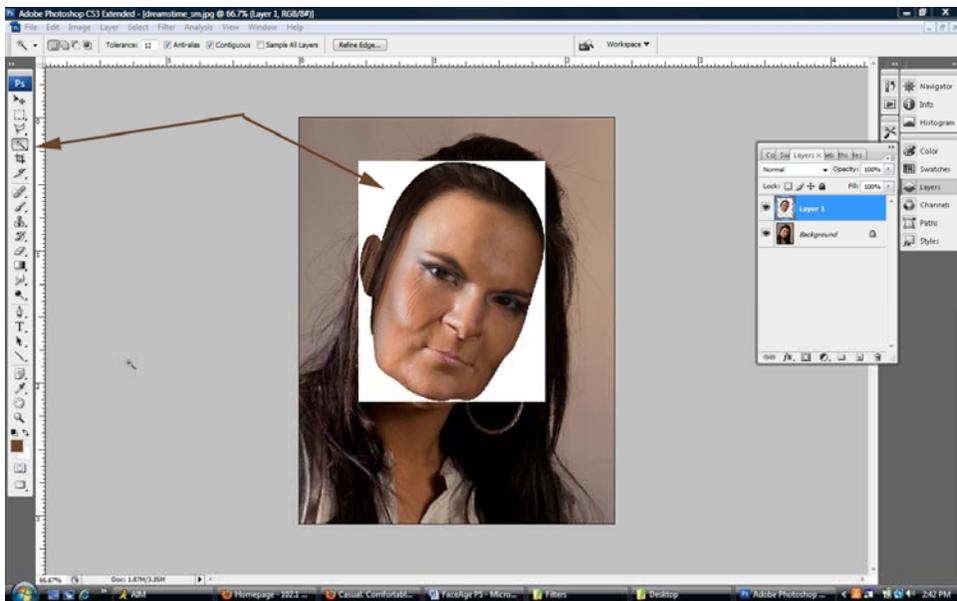


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18. Now you can paste the new head into this New Layer



19. Select the white area surrounding the head with the “Magic Wand” tool. Hit delete to delete the white area.



20. Use the soft “Eraser” to clean up around the head.

