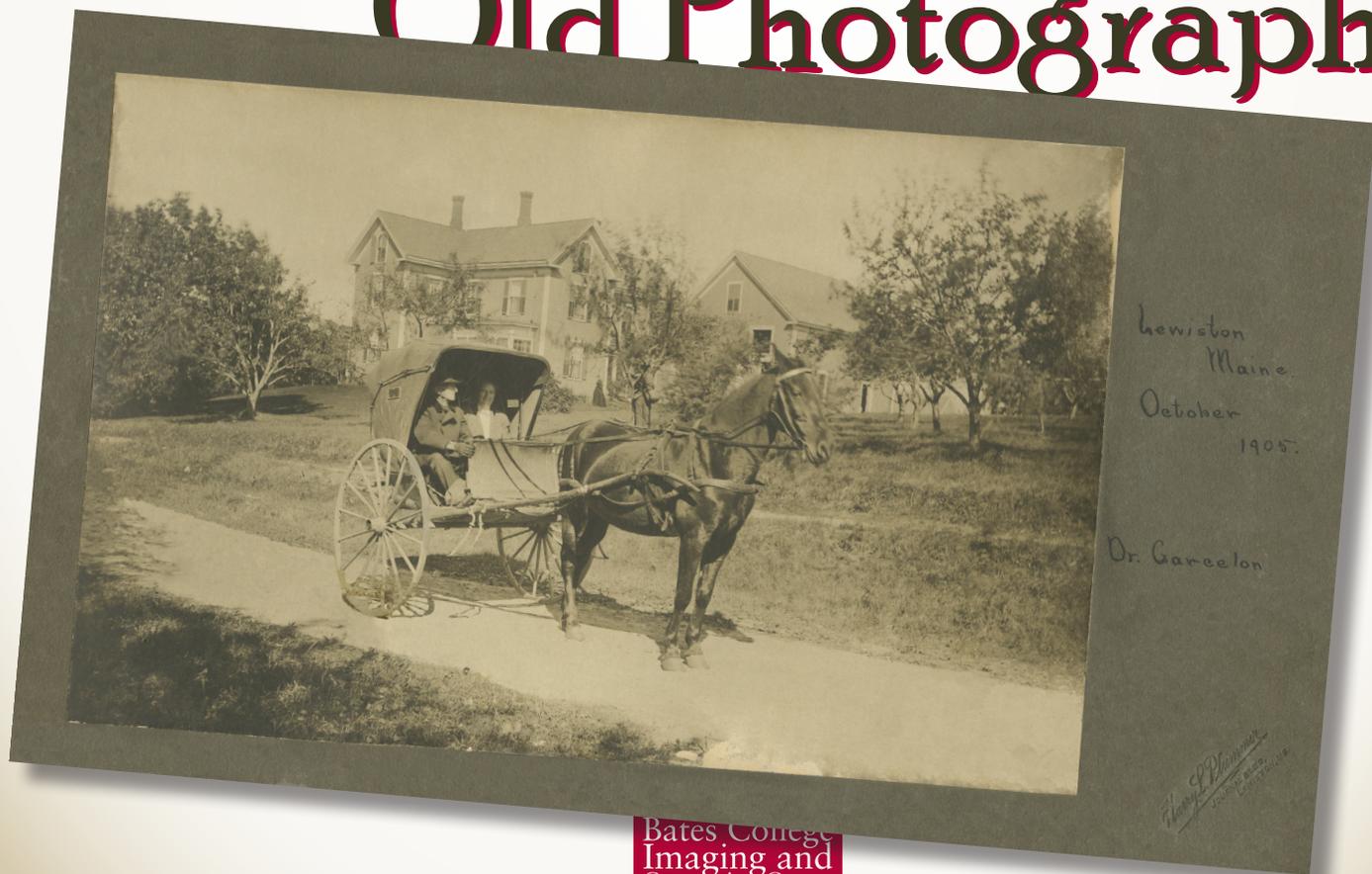


Adobe Photoshop



# Retouching Old Photographs



# Spot Healing Brush

The Spot Healing Brush removes spots and scratches from an image.



Place the circular brush over the blemish and click; the blemish should disappear. See below to change brush size.



To retouch a scratch or large blemish, click and drag the brush over the feature and release the mouse button.

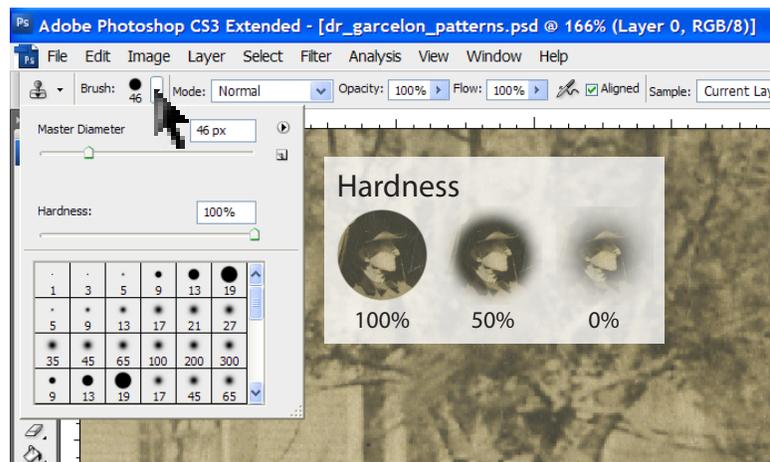


The Spot Healing Brush is an excellent tool to retouch area having simple, random texture. When the tool is used on or near line or edge detail, artifacts can be created or image detail destroyed. The Cloning Tool is a better choice in these cases.



# Changing Brush Size

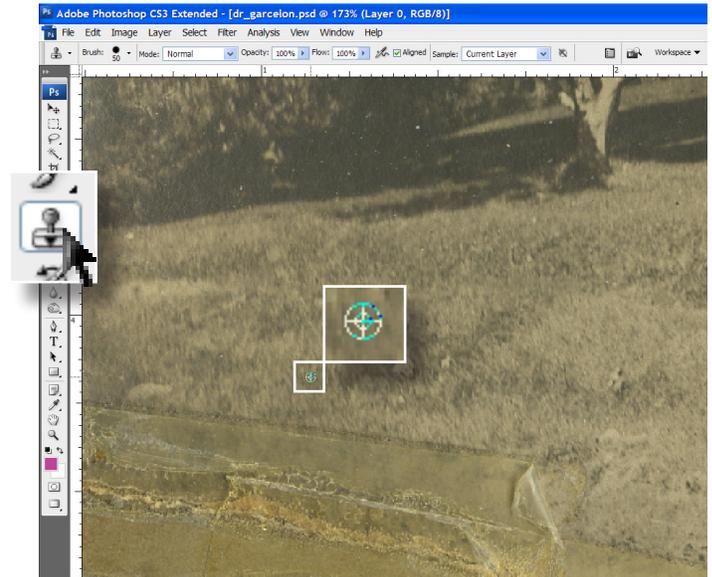
The size and hardness of the Spot Healing Brush and Cloning Tool can be specified. With the tool selected, click on the black arrow next to the brush size in the tool bar to display the brush dialog box. The brush size is in pixels. Hardness feathers the edge of the brush.



# Cloning Tool

The Cloning Tool allows you to retouch damaged areas of the image by replacing it with image detail sampled from another area.

1. Click on the Cloning Tool in the Tool Bar to select it.
2. Hold down the Alt key (Windows) or Option key (Mac) and click on the area to be sampled.
3. Click on the damaged area of the image; the selected sample area is cloned to that point—a cross (+) indicates the sampled area. The sample point and brush remain at the same relative distance until a new area is sampled, see step 2 above.



## Notes on Cloning

Take care when sampling areas close to the brush; image details can be repeated in such a way that a regular pattern develops making the repair obvious. If a pattern is formed, break the pattern by sampling from different regions within the image.

The tonality of the sampling area must match the area to be repaired otherwise the new repair will be obvious. Sometimes reducing the hardness of the brush can soften the transition. In some cases this difference cannot be prevented and edge of the transition can be hidden using the Spot Healing Tool.



The Cloning Tool can only work if areas with similar details exist. The edges of the photograph were recreated by sampling an edge area near the top and bottom. The handwritten "Dr. Garcelon" label could be made because the letters existed in the other handwritten text. However, the bottom of the cart wheel could not be retouched properly as there is no similar detail available from which to sample.

