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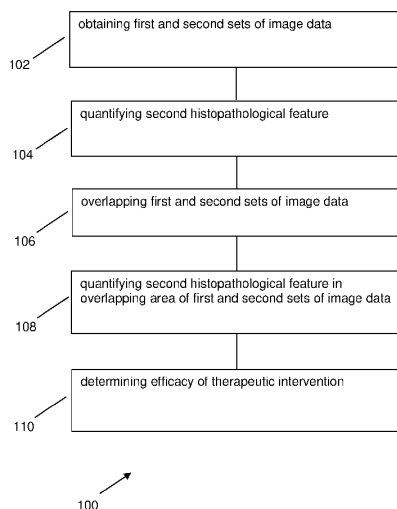


Figure 1

(57) Abstract: A method for evaluating efficacy of a therapeutic intervention includes obtaining, from each of paired liver biopsy samples of a subject comprising a first sample prior to the therapeutic intervention and a second sample after the therapeutic intervention, a first set of image data indicative of a first histopathological feature and a second set of image data indicative of a second histopathological feature. For each of the first and second samples, the second histopathological feature is quantified, the first and second sets of image data are overlapped based on a common reference frame, and the first histopathological feature present in an overlapping area of the first and second sets of image data is quantified. The method also includes determining the efficacy of the therapeutic intervention based on a comparison of the quantified second histopathological feature between the first and second samples and/or a comparison of the quantified first histopathological feature in the overlapping area between the first and second samples. The first and second pathological features include features selected from the group consisting of fibrosis, inflammation, ballooning and steatosis.

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