Magnetic resonance imaging techniques to improve drug development and patient management in acute stroke (MIDAS)

Project details

<table>
<thead>
<tr>
<th>Total cost:</th>
<th>Topic(s):</th>
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<tbody>
<tr>
<td>EUR 0</td>
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<tr>
<td><strong>EU contribution:</strong></td>
<td><strong>Call for proposal:</strong></td>
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<tr>
<td>EUR 0</td>
<td>2001/C 306/09</td>
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<tr>
<td><strong>Coordinated in:</strong></td>
<td><strong>See other projects for this call</strong></td>
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<td>Denmark</td>
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Objective

The alleviation of the severe personal and socioeconomic consequences of acute stroke awaits tools to better understand the underlying mechanisms of the disease, to more rapidly identify efficacious drugs, and finally to support treating physicians at sites with limited diagnostic capability.

The proposed project will perfect state-of-the-art functional magnetic resonance imaging (MRI) techniques into markers with high sensitivity to disease progression in acute stroke. Based on a large database of patient cases and sophisticated predictive algorithms, a prototype diagnostic tool will be built, allowing support in acute stroke patient management by predicting final outcome in individual patients, thereby identifying patients amenable for therapy.

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