Parameter study

|  |  |  |
| --- | --- | --- |
| Ausgangsbild (Frame 90 from GRK021 – Abtastrate 25 Hz) | Original params  [7, 10, 10, 0], [2.5, 20, 1, 0] | New params  [10, 10, 1, 0], [10, 20, 2, 0] |
|  |  |  |
|  |  |  |

# Symmetric filter

## Sigma

Thickness/contrast?

|  |  |  |
| --- | --- | --- |
| 2 | 7 | 15 |
|  |  |  |

## Len

Connectedness of edges

|  |  |  |
| --- | --- | --- |
| 2 | 5 | 15 |
|  |  |  |

## Sigma0

|  |  |  |
| --- | --- | --- |
| 2 | 10 | 20 |
|  |  |  |

## Alp

|  |  |  |
| --- | --- | --- |
| 0 | 10 | 20 |
|  |  |  |

# Asymmetric filter

## Sigma

Thickness?

|  |  |  |
| --- | --- | --- |
| 2.5 | 10 | 20 |
|  |  |  |

## Len

Smoothness

|  |  |  |
| --- | --- | --- |
| 5 | 10 | 20 |
|  |  |  |

## Sigma0

Increases visibility of smaller vascular structures

|  |  |  |
| --- | --- | --- |
| 1 | 10 | 20 |
|  |  |  |

## Alp

Increased relief/noise

|  |  |
| --- | --- |
| 0 | 10 |
|  |  |
|  | 26 s per frame – long calculation time |