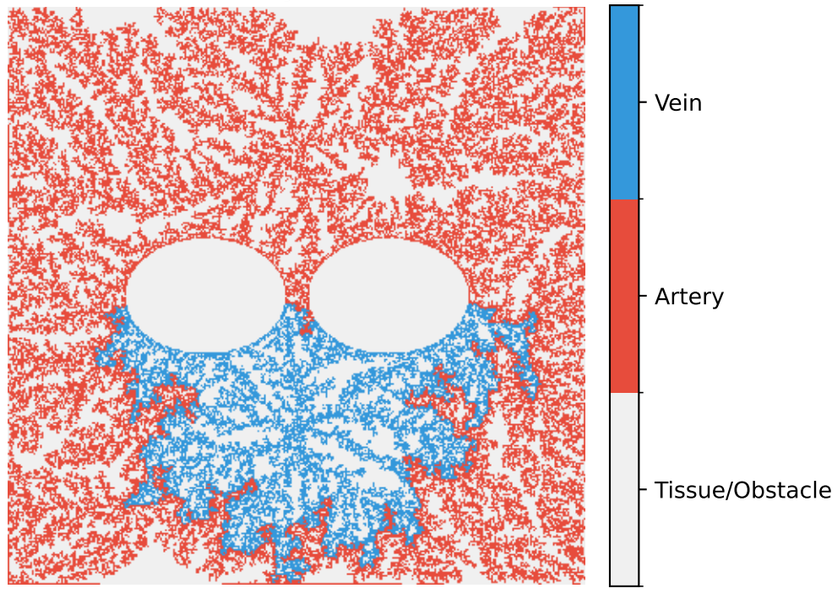

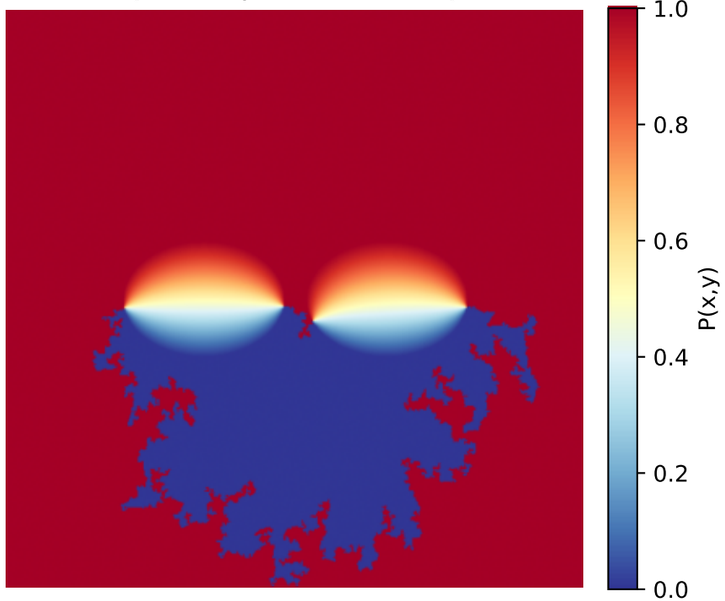

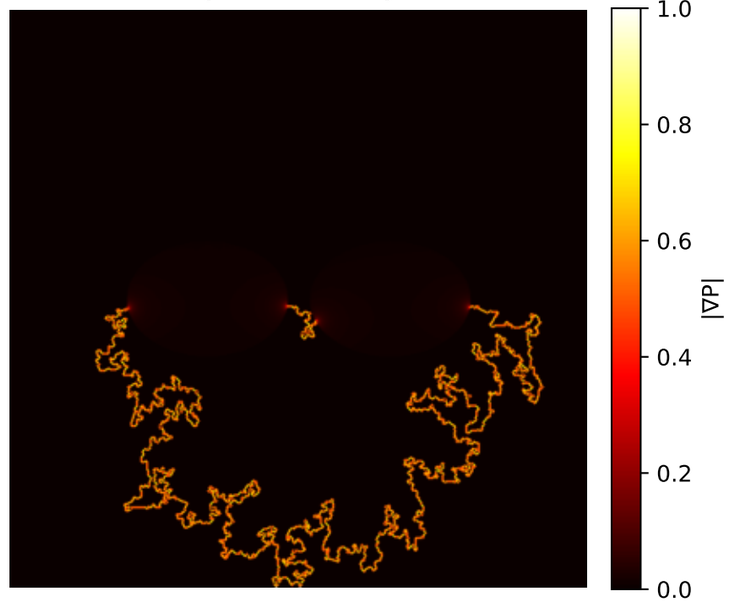

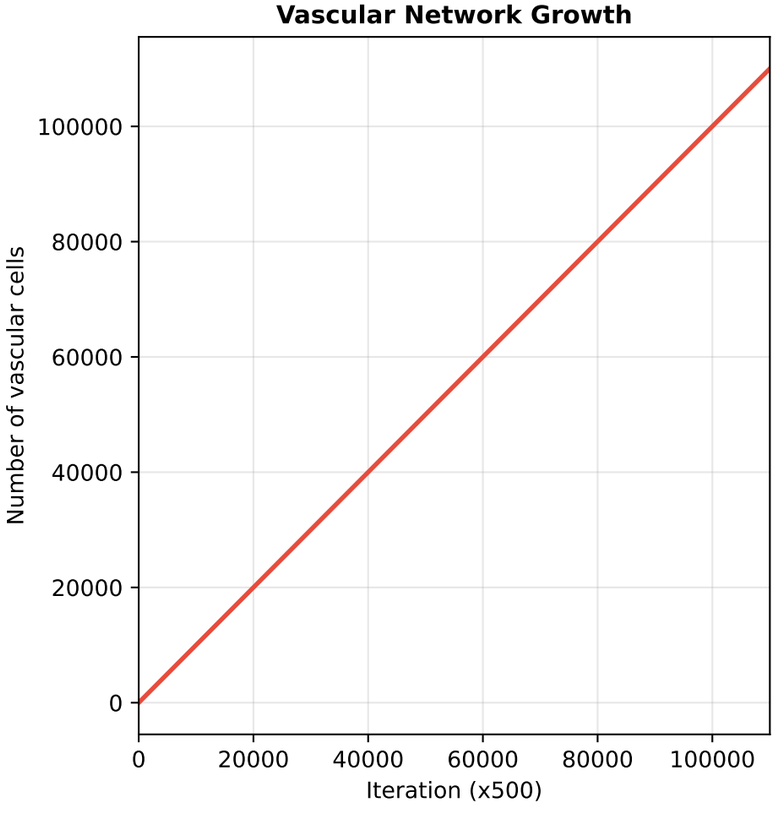

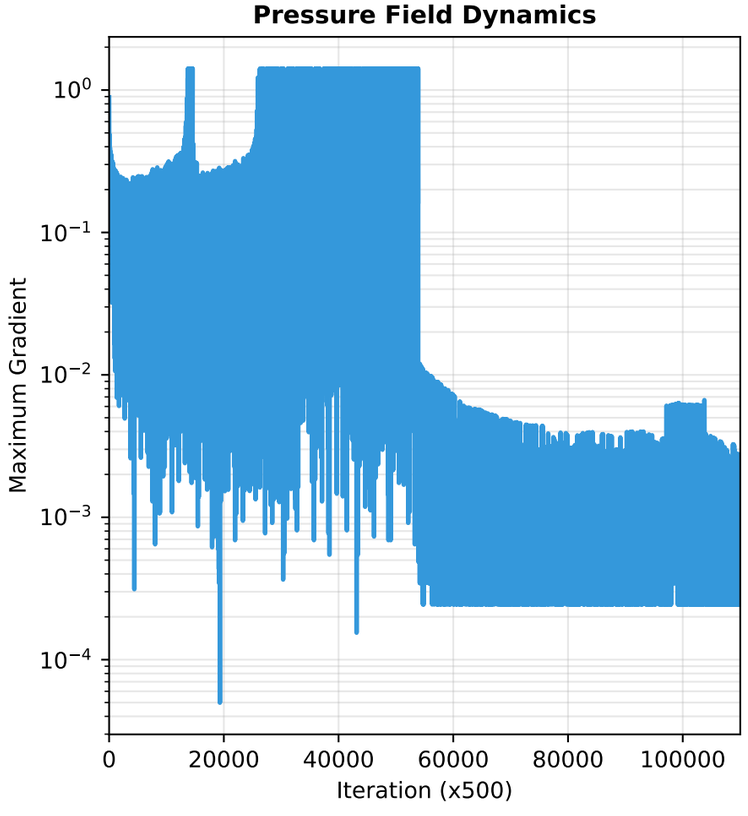


```
MODEL CONFIGURATION
Grid: 512×512
Backend: CUDA (GPU)
Equation: ∇²P = 0  (Laplace)
Boundary Conditions:
  • P = 1.0 (arteries)
  • P = 0.0 (veins)
  • ∇P·n = 0 (Neumann)
Obstacles:
  • Two internal ellipses (left/right) with central gap
Growth Prob.:
  p_i ∝ |∇P|^1.5
Type rule (original):
  • New vessel copies type of neighbor with max P
Statistics:
  Iterations: 110027
  Vessels: 110029
  Fraction: 41.97%
  Time: 4567.96s
  Speed: 24 iter/s
```