Multi-Institutional Studies

🌍 Broader Data Diversity

Access to diverse patient populations across regions and demographics

📊 Larger Sample Size

Combined datasets enable robust statistical analysis

🔒 Privacy Preserved

Collaboration without sharing raw patient data

🏆 Better Generalization

Models trained on heterogeneous data perform better

Research Outcomes

✓ Faster rare disease diagnosis

✓ Improved treatment predictions

✓ Reduced model bias

✓ Enhanced clinical decision support