The Genetic Basis of Pediatric Diabetes

IRB# 1996-001
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Synopsis:

This ongoing protocol, begun in 1996, aims to utilize PCRC resources to collect a small sample of blood from CHO diabetes patients and their family members to study candidate genetic loci involved in susceptibility to diabetes. The original protocol was limited to genes in the HLA region of chromosome 6p; however, as our knowledge of the complex genetics of type 1 diabetes has expanded, the study has been expanded to include genetic loci outside the HLA region. Similarly, the original study was limited to patients of African American descent but has now been expanded to include all patients. These changes to the protocol, with appropriate changes to the consent form, have been approved by the CHO IRB.

Samples are collected by the PCRC staff and transferred to the research laboratory for DNA preparation and genotyping. The samples are given family and individual codes upon receipt in the research laboratory. Subsequently, all samples are referred to only by code and not by name.