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| **Entry** | **Crisis Symptoms** | **Benefits of Treatment** | **Risks of Treatment** | **Professionals Involved** | **Lifestyle Concerns** |
| Anna 10 | Chest and leg pain, and fever | Prevention of stroke, reduction of the significance of the symptoms. | Abdominal pains and shortness of breath | Physical Therapist | Interruptions in your daily schedule |
| Anna 17 | Chest pain, hip pain, yellowish eyes | Longer life, fewer pain episodes | Nauseous, tired, loss of hair, shortness of breath, paleness, pregnancy problems | Pediatric hematologist and clinical trial researcher | Couldn’t participate in activities that her peers couldn’t participate in (skiing, class trips, etc.). |
| Anna 22 | Pain in hip and leg | She would be able to be more active. | She would need a hip replacement every ten years along with a long recovery time. | orthopedist | Put off job hunting and more difficult to get around. |
| Anna 31 | Emotionally distress | Giving life and creating a family | Baby would get sickle cell disease | Hematologist | You can’t work for a while, having a baby with sickle could cause frequent trips to the hospitals, and birth defects |
| 4 year old male | Chest pain, pale skin, headache, dizziness, yellow eyes or skin, coldness in the hands and feet | Prevention of infections, pain, and complications | Child may be allergic to penicillin or may be more likely to get the flu because of annual flu shots | Pediatricians | Makes living harder on the young life of the child |
| 7 year old female | Chronic bone pain | Hydroxyurea is an oral medicine that reduces or prevents scd symptoms | It can cause the white blood cell count or platelet count to decrease. In rare occasions it can worsen the anemia, | Hematologist | She has to go to therapy for the pain, there are mental health concerns, and constant doctor visits |
| 15 year old male | Fever, pain, weakness or fatigue, abdominal pain and swelling, headaches, fast heartbeats, shortness of breath. | Bone marrow transplant can cure sickle cell disease with variable success. Replacing the bone marrow that produces sickled cells with bone marrow that produces normal red blood cells in turn replaces the sickled red blood cells. | Chest pain, drop in blood pressure, fever, chills, flushing, funny taste in the mouth, headache, hives, nausea, pain, shortness of breath. | Bone marrow transplant nurse coordinator, social workers, dietitians, physical therapists, pastoral care, pharmacists, respiratory therapists, lab technicians, infectious disease specialists, dermatologists, gastroenterologists, psychologists | Organ damage, relapse, secondary (new) cancers, abnormal growth, infertility, hormone changes, cataracts. |