

# Collaborate

## SHARED RESPONSIBILITIES

Tools for Improving Quality of Care for  
Children with Special Health Care Needs

## Criteria for Formatting Managed Care Reports for Primary Care Providers to Assist in Identifying Children with Special Health Care Needs

Hood Center for Children & Families  
Partnerships for Enhanced Managed Care

Children's Hospital at Dartmouth  
Dartmouth-Hitchcock Medical Center

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## **Criteria for Formatting Managed Care Reports to Assist Primary Care Providers**

The *Partnerships for Enhanced Managed Care* program at the Hood Center for Children and Families, Children's Hospital at Dartmouth, has developed a collaborative approach that provides information on health care utilization collected by health plans to primary care practices. Two insurance companies, Anthem Blue Cross Blue Shield of New Hampshire and CIGNA HealthCare are providing identical data on children with a range of chronic health conditions to their primary care providers. Presented with timely information on their patients' cost profiles and utilization of specific services including numbers of outpatient visits, emergency and inpatient care, providers can identify children likely to have special health care needs and initiate individualized case planning and provide enhanced care coordination. In a pilot study in four primary care practices, these partnerships combined with collaborative family centered team meetings have led to an improved ability of parents to access information and supports within the primary care setting as well as reductions in health care costs for a majority of children enrolled.

The following list details the type of information provided by these health plans to participating primary care practices. Plans use a list of ICD-9 codes that encompass medical, emotional and chronic conditions (see last page). These codes have detected 17% ratio of chronic illness (CI) in one year utilization in two managed care plans.

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- 1. Total Pediatric Membership <18 years** in the plan and for each currently active primary care practice.
  - 2. Total Number of Children per Chronic Illness (CI)** diagnoses by age in the plan for most recent twelve months for which full data is available. \*
  - 3. Active Population of Pediatric Membership <18 years** with CI both plan wide and by practice – Member Record Number (MRN), active member's name, DOB, insurance product, PCP, any CI diagnoses from list (five years time frame)

4. **Cost for Population of Pediatric Membership <18 years** with CI both plan wide and by practice for most recent twelve months for which you have full data available.
  - For plan: Dx category, total number of members, total cost, and average cost per member
  - For each practice: MRN, active member's name, DOB, insurance product, PCP, any diagnoses from CI category list\*\*, and amount paid. Sort by PCP then descending costs.
5. **Early Intervention (EI) Utilization by Plan:** (Optional) - MRN, active member's name, DOB, product, PCP, type of service, Dx code and description, cost (for most recent twelve months for which full data is available). If EI is not billed separately, select children 0 to 3 with more than 2 OT, PT, and/or Speech Therapy. Sort by PCP then Patient (Alphabetically).
6. **Patient Utilization Profile for Population of Pediatric Membership <18 years** with any CI diagnoses for each currently active practice during most recent twelve months for which full data is available. Sort by PCP then Patient (Alphabetically).
  - **Outpatient** - MRN, member's name, DOB, product, Dx code and description, and number of outpatient visits. For same list, give individual visit dates, PCP and/or provider seen, and diagnoses for patient with 2 to 15 visits (designate if more than 15 visits occurred).
  - **Emergency Room** - MRN, member's name, DOB, product, Dx code and description, ER site and number of ER visits. For same list, give PCP and provider seen, dates and diagnoses for all ER visits.
  - **Inpatient** - MRN, member's name, DOB, product, Dx code and description, Hospital and number of admissions. For same list, give PCP hospital vendor, dates, and all CI diagnoses for admission.

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**Key:** \$ = paid, not billed; dates = service dates; age = current age; PCP = current identified PCP; CI diagnosis = any CI category; MRN = Member Record Number; Type of Service = OT, PT, Speech

\* Chronic Illness category list developed by the Hood Center for Children & Families

\*\* Multiple diagnoses can be listed but paid amount is listed for the primary diagnosis

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# Diagnosis Code List

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| Diagnosis Description                             | Diagnosis Code(s) | Diagnosis Description                     | Diagnosis Code(s) |
|---------------------------------------------------|-------------------|-------------------------------------------|-------------------|
| HIV                                               | 042.              | Chronic Liver Disease                     | 571.              |
| Retrovirus                                        | 079.50, 079.59    | Nephritis                                 | 582.9             |
| HTLV- 1                                           | 079.51            | Chronic Renal Failure                     | 585.              |
| HTLV - 2                                          | 079.52            | Diffuse Diseases – Connective Tissue      | 710.0             |
| HIV – 2                                           | 079.53            | Rheumatoid Arthritis                      | 714.3             |
| Neoplasms                                         | 144. – 239.99     | Inflammatory Spondylopathies              | 720.              |
| Neurofibromatosis                                 | 237.7             | Congenital Hydrocephalus                  | 742.3             |
| Congenital Hypothyroidism                         | 243.              | Congenital Anomalies of Heart             | 746. – 747.99     |
| Acquired Hypothyroidism                           | 244.              | Chonal Atresia                            | 748.0             |
| Diabetes Type II (5 <sup>th</sup> Digit = 0 or 2) | 250.              | Cleft Palate                              | 749.2             |
| Diabetes Type I (5 <sup>th</sup> Digit = 1 or 3)  | 250.              | Tracheoesophagel Fistula                  | 750.3             |
| Pituitary Gland Disorders                         | 253.              | Atresia and Stenosis of Lg. Intestine     | 751.2             |
| Addison's Disease                                 | 255.4             | Bladder Exstrophy                         | 753.5             |
| Amino-Acid Transport                              | 270.              | Crouzon's Disease                         | 756.0             |
| Carbohydrate Transport                            | 271.              | Osteogenesis Imperfecta                   | 756.51            |
| Cystic Fibrosis                                   | 277. – 277.1      | Prune Belly                               | 756.7             |
| Immunoglobulin Deficiencies                       | 279.03            | Chromosomal Anomalies                     |                   |
| Digeorge's Syndrome                               | 279.11            | (Down Syndrome)                           | 758.              |
| Rhemolytic Anemias                                | 282.              | Prader-Willi Syndrome                     | 759.81            |
| Aplastic Anemia                                   | 284.              | Marfan Syndrome                           | 759.82            |
| Hemophilia                                        | 286.0             | Fragile X Syndrome                        | 759.83            |
| Leukodystrophy                                    | 330.0             | Fetal Alcohol Syndrome                    | 760.71            |
| Communicat Hydrocephalus                          | 331.3             | Short Gestation//Low Birth Weight         | 765.0             |
| Chorea-Athetosis                                  | 333.5             | Chronic Respiratory Disease (BPD)         | 770.7             |
| Athetoid Cerebral Palsy                           | 333.7             | Toxoplasmosis                             | 771.2             |
| Hereditary Spastic Paraplegia                     | 334.1             | Congenital Cytomegalovirus                |                   |
| Cerebral Palsy                                    | 343.              | (CMV) Infection                           | 771.7             |
| Quadriplegia                                      | 344.0             | Brain Injury                              | 854.              |
| Neurogenic Bladder                                | 344.61            | Drowning                                  | 994.1             |
| Paralysis                                         | 344.9             | Gastrostomy                               | V44.1             |
| Epilepsy                                          | 345.              |                                           |                   |
| Inherited Neuropathy                              | 356.              | Add/H                                     | 314.0             |
| Muscular Dystrophy                                | 359. – 359.1      | Autism                                    | 299.0             |
| Blindness                                         | 369.0 – 369.19    | Emotional CI Disorders - This category    |                   |
| Hearing                                           | 389.              | is made up of the following:              |                   |
| Rheumatic Heart Disease                           | 393. – .98.99     | Psychoses (4 <sup>th</sup> Digit not = 0) | 299.              |
| Cardiac Dysrhythmias (Except 427.6)               | 427.              | Anxiety                                   | 300.0             |
| Heart Failure                                     | 428.              | Tourette Syndrome                         | 307.23            |
| Moya-Moya Disease                                 | 437.5             | Post Traumatic Stress Disorder            | 309.81            |
| Asthma                                            | 493.              | Depressive Disorder                       | 311.              |
| Chronic Airway Obstruction                        | 496.              | Aggressive Behavior                       | 312.0             |
| Regional Enteritis                                | 555.              | Conduct Disorder                          | 312.2 – 312.39    |
| Vascular Insuff. of Intestine                     | 556.              | Mental Retardation                        | 317. – 319.99     |