

Chronic Disease Management Software Analysis	
(5/2/07 - IN DEVELOPMENT)	
Requirements	
System Design and Functionality	<p>Is this application currently being used for Diabetes Registry? Is this application currently being used for any other chronic disease registry? If yes: Where and by whom? Need a list of data fields from this application so a gap analysis/comparison can be made to those on the CCCN Diabetes Visit Worksheet (telephone calls, ability to mail-merge, etc.) and if so, describe in detail how they work. Other?</p>
Ability to automatically/electronically import and manage data from the following data sources:	<p>Is this application already accepting, or capable of accepting data from any of the following systems/applications? EHR: EPIC EHR: Practice Partners</p>
How is this accomplished? real-time interface, batch process, HL7 messaging, file extracts from other systems?	<p>EHR: Next Gen EHR: Cerner Electronic Health Records (Dominican) EHR: others? (specify) PM: Mysis PM: EPIC (no need to list MediCruz) PM: Next Gen PM: others - define Lab: Quest Lab: Stanford Lab: County Lab System Lab: DSCH (Cerner) Lab: WCH (HMS) Lab: Hunter lab Lab: Axolotl/Elysium (determine need for this and/or other labs) Lab: SCMF/SMSC (Mills-Peninsula) Lab: Dominican Hospital Lab: Watsonville Hospital Lab: Other Hospitals Lab: others - define Health Plans: Indicate for (C)Claims Data and (R)Roster Updates (B)Both Alliance PMG PPO's: Blue Cross Pacific Care Define others HMO's: Sutter Define others CHW Foundation Hospital Patient Reg/ADT: MedSeries4 (DSCH) HMS (WCH) IDX/GE (SMSC) Any others? CMS Claim Data: MediCare / MediCal Pharmacies Specific/Individual Retail? SureScripts? RxHub? 1 Pager from PMG Solutions environments: County Solutions SC Medical Foundation Solutions</p>

	Others - (specify)
Method(s) for identifying/gathering Chronic Disease Data	Relative to Diabetes and Pre-Diabetes?
<i>How is this accomplished?</i>	Relative to other chronic diseases? (specify)
<i>(e.g. provide a specific list of patients based on specific disease-based criteria; gather data for all patients and then filter according to specified criteria)</i>	
Patient Identification, MPI, Matching Incoming Data with Correct Patient	Describe the following: MPI data fields, how data is matched with patient (algorithms), configurability of matching rules, known strengths, known weaknesses. Describe tools/methods for doing merging, un-merging of patients and information.
Data Normalization/Integration	Provide full list for Diabetes:
<i>Provide a database structure document which displays tables, data fields within each table, key fields.</i>	Other CD's - (team define if specific needs)
<i>Also provide a diagram or narrative of the workflow/rules for integrating new data on existing patients.</i>	Ability to identify PCP/medical home Define algorithm for identifying PCP
<i>Note: Kennedy and Linda will likely have more detailed and valuable input/ideas for this based on their extensive database experience.</i>	Define algorithm for defining latest / most accurate data (when more than one data set for a pt. is received) Define process for assuring data integrity Others? (team define)
Data Quality Assurance and Integrity Checks	What type of error reporting is already built in for handling data imports? Describe any other data integrity checks and error handling capabilities. Other?
Reporting Capabilities	Are any canned/standard reports already developed and available?
<i>Provide samples of reports</i>	What reporting tools are enabled/capable of using against the database? Define provider and population management derivatives Define levels of expandability/rollup Individual Provider Patient Detail -Define all in between- Population management reporting Pop Management Reporting: Follow-up for Preventative Care (e.g. mammography) Abnormal results (e.g. lab results, etc.) Define ability to do Identified/De-identified Reports Define metrics available for usage; calculate, catalogue, reuse Ability to use 'pivot' / 'cube' software for analysis Tools to create user views: Reporting Interface Needs: Proprietary MS Office (Excel) Web Interface Other: (team define) Other - define: Customizable (define process/requirements)
Privacy / Security	Data Access / Input : Reporting: Distribution: Password Management: Assurances / Intent: Access / Distribution of Secure Data
Hosted	Yes/No If yes: Where: Costs: Redundancy: Service Levels: Define Issues: Define

Data Entry into Product	Capable? Web based / PC / Mac based?
Systems	EU systems requirements - Define: Hardware Software
Database / Architecture	Define Database: Time in Use of current version Stability: Separation of functions / discrete modules (data acquisition, processing, Compare to a simplified EHR Open Source: Define (team define)
Ease of Use	End User for Access and Reporting: Systems Analyst for updates and Roll Up Reporting: Administration:
Training Requirements:	Define: Define (team define) Define (team define) Define (team define) Define (team define)
Costs	Non-Recurring Initial / License Implementation Upgrades Monthly Recurring Other?
Implementation	Timeline Support Capabilities Customization Requirements Resources Other?
Transition Timeline (Current to New)	Provide Transition Plan used to support current to new
SLs	Define Product Issues SL's
Integration	General Information Integration Best Practices for transfer of data from current to this product Internal External Data Sources Clients
Ease of System Conversion (backend)	From Current Issues/Concerns
Ability to convert / integrate current PofC tool	From Current Issues/Concerns
System Flexibility	Define re: move from Diabetes to other data capture, etc. Exandibility deom Diabetes to other CD Issues: Define
System Constraints	Maximum of data Reporting Access Define (team define) Define:
Minimum Subscription Timing (if hosted)	
Infrastructure	Host Center - locations Server H/W & OS Infra. H/W Storage Systems Redundancy Others - team define
Support	Define Support Provided: Technical: Users:

