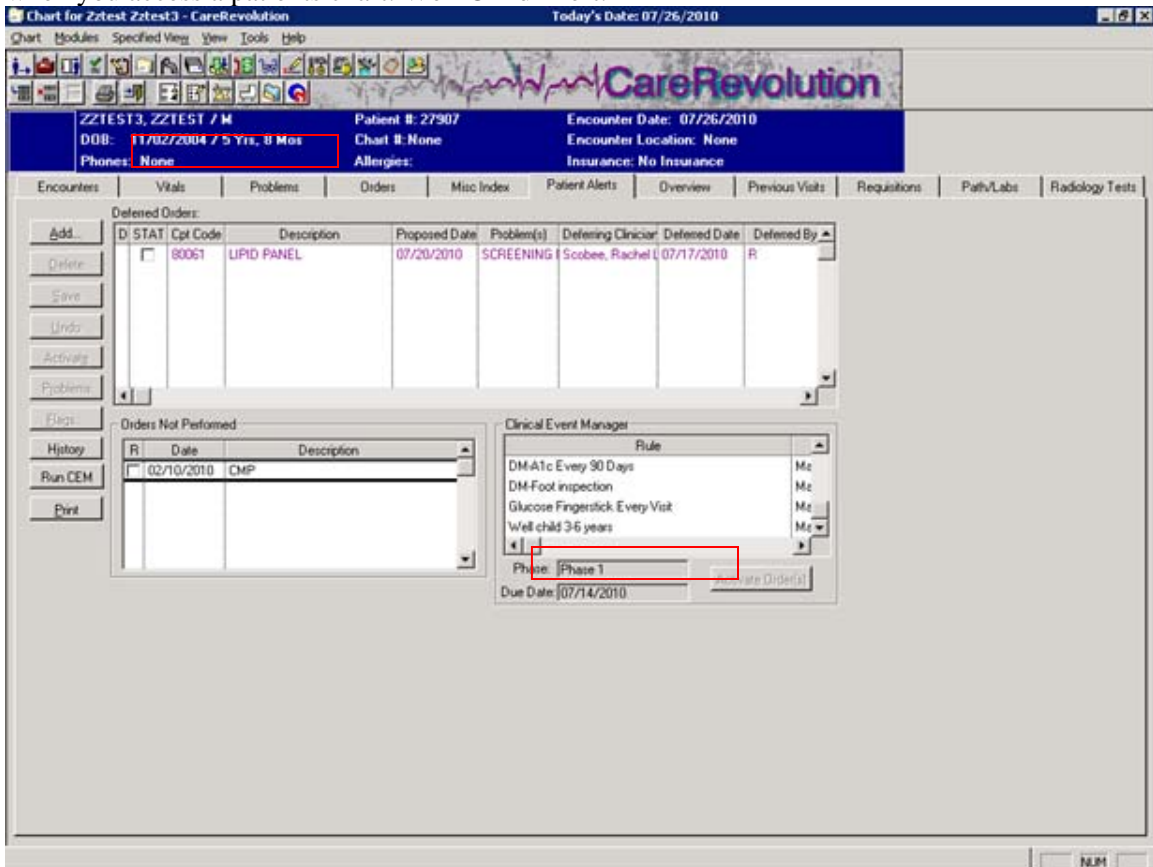


PPC2 : Patient Tracking and Registry Functions

Element B: Electronic System for Clinical Data

Item 1: Status of age-appropriate preventative services (immunizations, screenings, counseling)

Our EMR has alerts that are age and gender appropriate that cause a “pop up” screen to occur when you access a patients chart. Well Child Alert:



Forms can be customized to prompt staff to ask about well exams and immunizations:

IZ Schedule helps staff evaluate what IZ's a child needs:

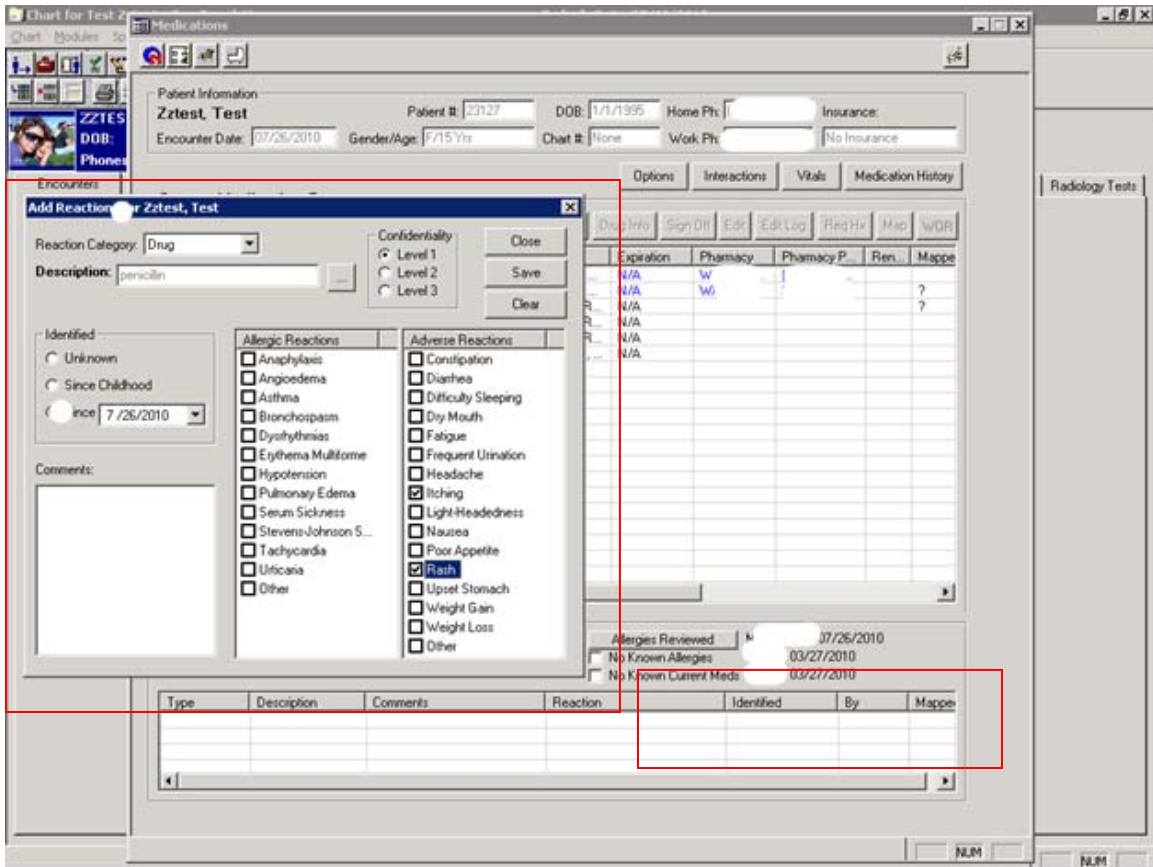
Complete	Vaccine	12 Months	15 Months	18 Months	19-23 Months	2-3 Years	4-6 Years	7-10 Years	11-12 Years	13-18 Years
<input type="checkbox"/>	HEP B PEDS									
<input type="checkbox"/>	ROTOVIRUS VACC 3 DOSE...									
<input type="checkbox"/>	DTaP		DTaP				DTaP			
<input type="checkbox"/>	HIB-Act	Hib								
<input type="checkbox"/>	PREVNAR	PCV								
<input type="checkbox"/>	IPV						IPV			
<input type="checkbox"/>	MMR	MMR					MMR			
<input type="checkbox"/>	VARICELLA	Varicella					Varicella			
<input type="checkbox"/>	HEP A PEDS	HepA		HepA						
<input type="checkbox"/>	TDaP								Tdap	
<input type="checkbox"/>	HPV 3 DOSE IM								HPV	
<input type="checkbox"/>	MENINGOCOCCAL								MCV	
<input type="checkbox"/>	FLU VACCINE NO PRESER...	Influenza						Influe...>3yrs		
<input type="checkbox"/>	PNEUMOVAX/2+ YRS									

Legend

- Range of recommended ages for all children - Misc. Vaccines
- Range of recommended ages for all children except certain high-risk groups
- Range of recommended ages for certain high-risk groups

Item 2: Allergies and Adverse Reactions

Allergies can be reviewed and documented at each visit. New allergies and adverse reactions can be added as they are identified.



Items 3-6: Blood Pressure, Height, Weight and BMI

BP, height, weight and BMI are taken during visits and recorded. Past data displays on the same screen.

The screenshot displays the CareRevolution software interface for patient ZZTEST2, TEST / F. The patient's demographic information is shown at the top: Patient #: 27906, DOB: 01/01/1942 / 68 Yrs, Encounter Date: 07/26/2010, Chart #: None, Encounter Location: None, Allergies: None, Insurance: No Insurance. The interface includes a menu bar (Chart, Modules, Specified View, View, Tools, Help) and a toolbar with various icons. A navigation bar at the top lists tabs: Encounters, Vitals, Problems, Orders, Misc Index, Patient Alerts, Overview, Previous Visits, Requisitions, Path/Labs, and Radiology Tests. The 'Vitals History' section shows a table with columns for Date, Temp (F), Pulse, RR, BP, Ht (in), Wt (lb), BMI, PA, WHR, and Data. A row for 11/02/2009 is highlighted, with values: Temp 98.9, Pulse 60, RR 24, BP 112/60, Ht 67.00, Wt 154.00, BMI 24.10, PA 0. Below this, the 'Vital Signs Details for TEST ZZTEST2' window is open, showing fields for Temperature, Blood Pressure, Pulse, Body Measurements, and Pain Assessment. The Blood Pressure field is set to 120/70 mm Hg, and the Body Measurements section shows Height (in) as 67, Weight (lb) as 150, and BMI as 23.5. The Date field is set to 07/26/2010.

Date	Temp (F)	Pulse	RR	BP	Ht (in)	Wt (lb)	BMI	PA	WHR	Data
11/02/2009	98.9	60	24	112/60	67.00	154.00	24.10	0		

Vital Signs Details for TEST ZZTEST2

Temperature: Temp (F): [], Time: 4:49 PM, Source: [], By: [], Notes: []

Blood Pressure: BP (mm Hg): 120/70, Time: 4:49 PM, Site: [], Position: [], Source: [], Location: [], By: [], Notes: []

Pulse: Rate per min: [], Time: 4:49 PM, Regularity: [], Site: [], Source: [], By: [], Notes: []

Body Measurements: Height (in): 67, Time: 4:50 PM, Weight (lb): 150, BMI: 23.5, BSA: 1.8 m squared, By: [], Notes: []

Pain Assessment: Pain Level: [], Time: 4:49 PM, Expressed by: [], Comments: [], By: [], Notes: []

Date: 07/26/2010

BMI is calculated as above at every visit. Growth charts are available for children under 20.

Encounters | Vitals | Problems | Orders | Misc Index | Patient Alerts | Overview | Previous Visits | Requisitions | Path/Labs | Radiology Tests

Vitals History:

	Date	Temp (F)	Pulse	RR	BP	Ht (in)	Wt (lb)	BMI	PA	WHR	D
Add	07/02/2010	96.2	98	18	104/68	49.50	50.00	14.30	0		
Detailed Entry...	06/23/2010	98.0	84	16	104/68	49.50	49.00	14.10	3		
Delete	06/21/2010	97.2	80	18	110/80	49.50	50.00	14.30	0		
Print	12/22/2009	97.4	104	24	102/64	48.00	51.00	15.60	1		
Flag	08/07/2009	98.4	92	14	104/70	46.50	43.00	14.00	0		
Change Units...	07/17/2009	98.0	84	24	114/62	46.00	42.00	14.00	1		
Graph	05/22/2009	97.9	92	18	112/62	46.00	43.00	14.30	1		
Sign Off	01/30/2009	98.8	140	28	104/68	46.00	43.00	14.30	0		
Edit	01/13/2009	97.8	100	32	90/70	45.50	42.00	14.30	0		
Edit Log...	09/05/2008	98.8	130	24	90/60	44.00	40.00	14.50	2		
	08/25/2008	97.0	104	24	90/58	43.75	39.40	14.50			
	05/15/2008	97.7	114	26	102/60	43.00	42.00	16.00	0		
	12/18/2007	98.1	124	28	92/60	41.25	40.50	16.70	4		

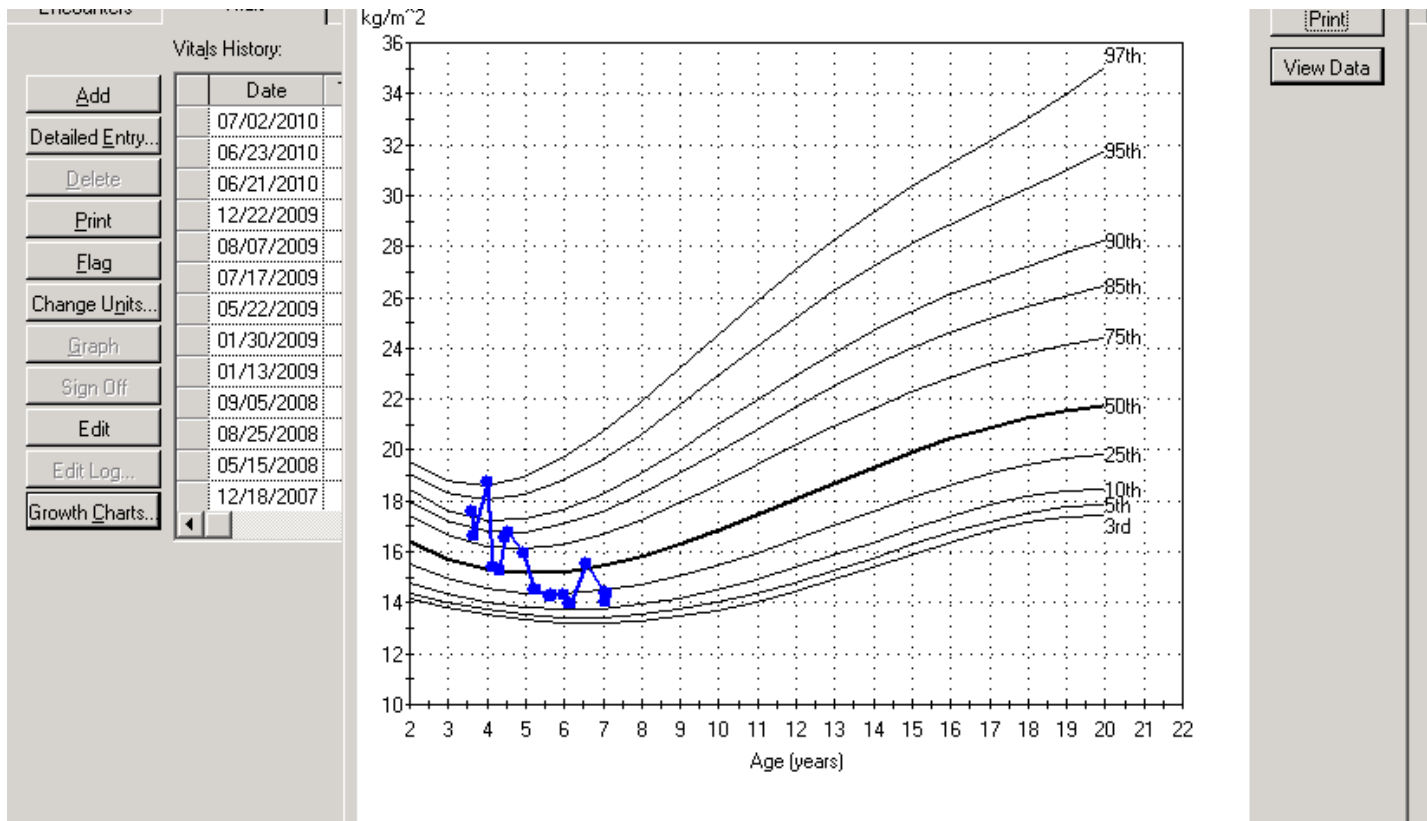
Save
Undo

Growth Chart

- Weight by Age (Birth to 36 months)
- Length by Age (Birth to 36 months)
- Weight by Length (Birth to 36 months)
- Head Circumference by Age (Birth to 36 months)
- Weight by Stature (2 to 20 Years)
- Weight by Age (2 to 20 Years)
- Stature by Age (2 to 20 Years)
- Body Mass Index (BMI) by Age (2 to 20 Years)

NUM

BMI is plotted for children under 20:



Item 7: Laboratory Test Results

Lab orders are entered electronically. Results may be entered for in-house labs or the few labs that are sent to our local hospital. Labs that go to our reference lab (Xxxxx) are electronically populated back into the patient chart and then appear in a provider organizer for review.

The screenshot displays the CareRevolution software interface for a patient named ZZTEST, TEST / F. The patient's information includes DOB: 01/01/1995 / 15 Yrs, Patient #: 23127, and Encounter Date: 07/26/2010. The interface shows a list of lab orders with the following data:

D	R	A	Performed	Ordered	Description
*			07/26/2010	07/26/2010	AMYLASE
				04/12/2010	CCP Antibodies IgG/IgA
*			08/13/2009	08/13/2009	RAPID STREP
			07/31/2009	07/31/2009	CMP
			07/31/2009	07/31/2009	LIPID PANEL

The detailed view for the 'RAPID STREP' test shows the following result:

Reported	Component	Observation Value	Range	Ind	Unit	C	Level	NR	By	I
08/13/2009	RAPID STREI	Positive					1	<input type="checkbox"/>	SYSADM	1

Item 8: Presence of imaging results

Imaging orders are entered electronically and reports are posted in association with the order. If the imaging is from an inpatient stay or ordered by someone else, the result is scanned into the Radiology Folder within the patient's chart.

The screenshot shows the CareRevolution software interface. At the top, the date is 07/28/2010. The patient's encounter date is 07/28/2010 and the location is None. The patient has multiple phone numbers, no known allergies, and no insurance. The interface includes tabs for Encounters, Vitals, Problems, Orders, Misc Index, Patient Alerts, Overview, Previous Visits, Requisitions, Path/Labs, and Radiology Tests. The Radiology Tests tab is active, showing a list of orders and results. The table below is a summary of these orders.

D	R	A	I	Performed	Ordered	Description
					07/23/2010	X-RAY EXAM OF SKULL
*	*	*	*	06/02/2010	06/02/2010	SHOULDER* 3 VIEW INTERPRET.
*	*	*	*	06/02/2010	06/02/2010	SHOULDER* 3 VIEW
*	*	*	*	01/13/2010	01/12/2010	CHEST* 2 VIEW INTERPRETATIO
*	*	*	*	01/12/2010	01/12/2010	CHEST* 2 VIEW
*	*	*	*	11/18/2009	11/18/2009	MAMMOGRAM DIAG UNILATERAL
*	*	*	*	10/29/2009	08/26/2009	MAMMO, SCREEN-TECH COMPO
*	*	*	*		08/26/2009	MAMMOGRAM DIAG UNILATERAL
*	*	*	*	08/26/2009	08/26/2009	MAMMO, BOTH BREASTS-PROF C
*	*	*	*	04/24/2008	04/24/2008	MAMMO, BOTH BREASTS-PROF C

Imaging results received electronically are pulled into the patients chart, associated with the order and sent to the provider organizer for review and comment. Provider comments, follow up, and patient notification populate onto the report.

File

File Edit Back Next Last

RADIOLOGY TESTS

Patient Name:
Chart No:
Phone:
Age:

Date 1st Visit: 05/09/2006
Date Latest Visit: 07/26/2010
Examining Clinician:

Date	Description	CPT Code	ICD9 Code	Associated Problem	Date Performed
06/02/2010	SHOULDER* 3 VIEW	73030	959.2	Shoulder	06/02/2010

Order Results Comments: Mild sclerosis about the greater tuberosity with mild degenerative changes. The distance between the acromion and the clavicle is borderline increased. Pt notified. : FNP-C, CNM 6/3/10

RIGHT SHOULDER RADIOGRAPHS, 3 VIEWS - 06/02/10

INDICATION: History of shoulder subluxation. Surgery right shoulder in 1998.

FINDINGS: The patient internally and externally rotates the humeral head to some degree. It does not appear obviously dislocated.

Mild sclerosis about the greater tuberosity, consistent with mild degenerative change. The distance between the acromion and clavicle is borderline increased.

DIAGNOSES:

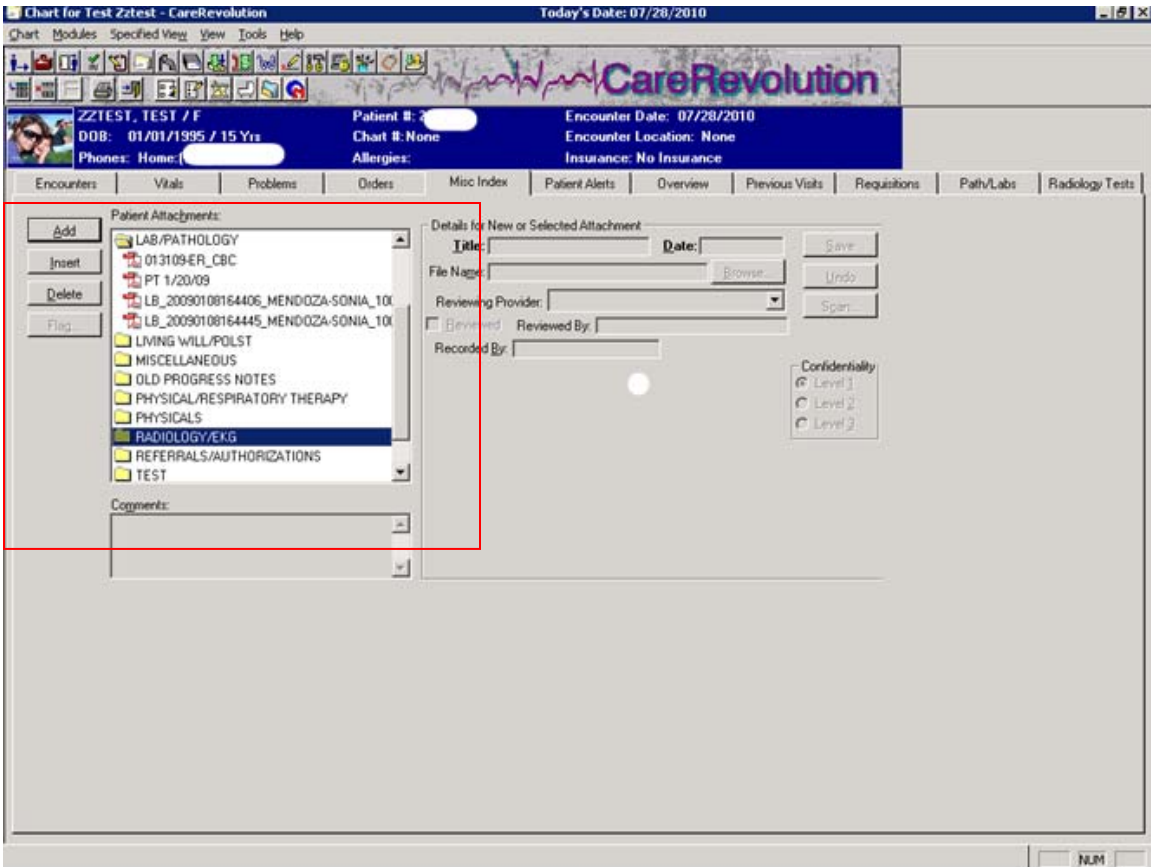
Mild degenerative changes. See above comments.

D, F.A.C.R.

Electronically signed by: [Signature] (Jun 03, 2010 09:51:31)

N.M

Imaging reports received on paper are scanned into the patient chart under the radiology tab.



Item 9: Presence of pathology reports

As with lab above, Pathology orders are entered electronically and reports are posted in association with the order. If the pathology is ordered by someone else, the result is scanned into the Lab/Path Folder within the patient's chart. (see examples above)

The screenshot displays the CareRevolution software interface. At the top, there is a header with 'Today's Date: 07/28/2010' and a 'CareRevolution' logo. Below this, patient information is shown: 'Encounter Date: 07/28/2010', 'Encounter Location: None', and 'Insurance: No Insurance'. A navigation bar includes tabs for 'Encounters', 'Vitals', 'Problems', 'Orders', 'Misc Index', 'Patient Alerts', 'Overview', 'Previous Visits', 'Requisitions', 'Path/Labs', and 'Radiology Tests'. The 'Orders' tab is active, showing a list of orders with columns for 'D', 'R', 'A', 'I', 'Performed', 'Ordered', and 'Description'. A left sidebar contains a 'Select Order Type to Add or Review' menu with options like 'Consults', 'Radiology Tests', 'Immunizations', 'Path/Labs', and 'Procedures'. Below the menu are buttons for 'Add...', 'Delete', 'Print', 'Flag...', 'Problems...', 'Sign Off', 'Edit Log...', 'Defer', 'Results', and 'Not Perform'. The 'Orders' table lists various tests such as TSH, LIPID PANEL, and HEPATIL -UNCTION.

D	R	A	I	Performed	Ordered	Description
	*	*		05/13/2010	05/13/2010	TSH
	*	*		06/02/2010	05/13/2010	LIPID PANEL
	*	*		05/13/2010	05/13/2010	CMP at PMC
	*	*		05/13/2010	05/13/2010	CBC at PMC
	*	*		01/29/2010	01/28/2010	LIPID PANEL
	*	*		01/29/2010	01/28/2010	BMP
	*	*		01/29/2010	01/28/2010	TSH
	*	*		02/01/2010	01/28/2010	HEPATIL -UNCTION
	*	*		01/29/2010	01/28/2010	Verbal Order
	*	*		02/01/2010	01/28/2010	Written Authorization
	*	*		07/06/2009	07/01/2009	THIN PREP
	*	*		07/02/2009	07/01/2009	LIPID PANEL
	*	*		07/02/2009	07/01/2009	CMP

Item 10: Presence of advance directives

Templates prompt staff to ask and educate about advance directives at every visit. If the patient provides and/or signs advance directives, that is scanned into the chart under miscellaneous index.

The screenshot shows a medical software interface with a patient ID of ZZTEST ZZTEST3 and an encounter date of 7/17/2010. The interface is divided into several sections for data entry:

- FOR WOMEN - Dates REQUIRED:** Includes checkboxes for LMP, Reported Pap Smear, Reported Mammogram, and If 50+, Date of Colonoscopy.
- PEDIATRIC BIRTH - 18 YO:** Includes checkboxes for Date of Last Well-baby Exam (birth - 2Yr), Date of Last Well Child (3-6 Yr), Date of Last Well Child (6-12 Yr), and Date of Last Well Adolescent (12-18 Yr).
- DENTAL EDUCATION:** Includes checkboxes for Dental Visits- Dentist Referral and Tooth Brushing-Dental Counseling.
- SIGNATURE:** A checkbox for PF type in your name.
- FOR MEN OVER 50 - Dates REQUIRED:** Includes checkboxes for Reported PSA, Reported Prostate Exam, and If 50+, Date of Colonoscopy.
- SMOKING CESSATION QUESTIONS:** Includes checkboxes for AGE 13 UP - must have smoking status, Smoking, Chewing Tobacco, Wishing To Stop Smoking, Attempt(s) To Stop Smoking, Guidance: Tobacco Use, and Referral to Quit Line.
- FOR SENIORS 65 & OVER:** Includes checkboxes for Do GERIATRIC DEPRESSION SCREEN yearly for pts 65+, Reported A Recent FLU SHOT **Date REQUIRED*, and ALL PATIENTS OVER 65 NEED ONE PNEUMOVAX IN LIFETIME, Reported A PNEUMOVAX *Date REQUIRED*.
- VISION SCREEN:** Includes checkboxes for Vision (uncorrected) R 20/, Vision (uncorrected) L 20/, CORRECTED Vision 20/, and CORRECTED Vision 20/.
- Teen Screen:** A button for Teen Screen.
- LIVING WILL/ ADVANCE DIRECTIVES (highlighted in red):** Contains a text box explaining that a living will is a legal document for life-prolonging medical treatments. Below the text are two checkboxes: "Do we have living will/advance directive in chart?" and "Encouraged/Educated Pt about Living Will".

At the bottom of the window, there is a status bar with the text "Encounter (*) PF's use this form first".

Item 11: Head circumference for patients 2 years or younger

Circumference is recorded at every visit for patients 2 years or younger and a chart is available.

Pediatric Growth Chart Data

DATE	AGE	LENGTH	WEIGH	HEAD CIF
04/13/2009	0.1	54.6	3.9	36.8
04/17/2009	0.3	54.6	3.7	36.8
05/15/2009	1.2	57.8	5.0	38.1
05/27/2009	1.6	59.1	5.0	39.4
06/17/2009	2.3	61.0	5.9	39.4
06/29/2009	2.7	63.5	5.9	38.9
08/12/2009	4.1	66.0	7.2	42.4
08/20/2009	4.4	66.0	7.2	42.4