

Computerized DATA services (RMODS)

Rocky Mountain Orthodontics Data Services (RMODS) is the world leader in providing computerized orthodontic diagnosis. We have analyzed over 600,000 cases. RMODS has helped thousands of clinicians determine the best treatment plan possible, based on the complexities of each individual patient.

Key components of the service:

- Comprehensive cephalometric analysis (frontal and lateral)
- Individualized norms based on age, gender, and race
- Tracing of lateral and frontal x-rays
- Arch analysis of upper and lower dentition
- Airway analysis
- Visual Treatment Objective (VTO) (short and long term)
- Treatment design
- 3rd molar probability
- Treatment sequences worksheet
- Height prediction
- Long range growth simulation to maturity with and without treatment
- Alerts including TMJ awareness, excessive mandibular growth, and endo-chronological problems
- 33 different letters are generated for extreme or unusual situations



RMO's E-Cephalometrics®, or E-CEPH® (computer-aided orthodontic data service via the internet) is the most cost effective, complete, and accurate orthodontic diagnostic service in the world.

- E-Ceph is like having an in-office diagnostic system and the best trained staff without the overhead
- RMODS has over 200 years of combined staff experience working for you
- Surgical treatment design is available
- Free telephone and online support
- View sample cases at www.rmortho.com or call 800.458.8884 for more info



There are two easy ways to access this service:

E-Ceph online service

- Practice transmits digital/scanned records via the internet
- RMODS processes records according to the doctor's individualized treatment standards
- RMODS transmits diagnostic work-up back to doctor via the internet
- Records can be shared with other dental/health professionals electronically
- Records can be stored, archived electronically, and printed
- Records can be viewed on screen or printed for patient/parent consultation
- Records can be shared with insurance companies electronically for faster reimbursement

Mail-in and mail-back service

- Doctor sends records by mail
- RMODS processes records according to the doctor's individualized treatment standards
- RMODS sends diagnostic work-up back to doctor by return mail
- Records can be shared with other dental/health professionals by mail or in person
- Records can be mailed to insurance companies

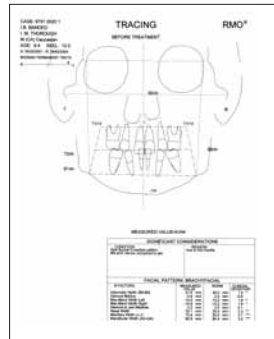


Comprehensive Cephalometric Description

- This report is generated for lateral and frontal x-rays
- Over 100 measured factors are evaluated and printed with norms and clinical deviation based on patient's age, sex, and race
- Orthodontic-dental-skeletal relationship is reported, including soft tissue and airway analysis

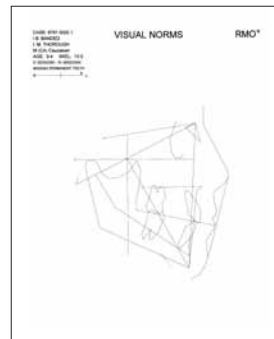
Tracing Sheet

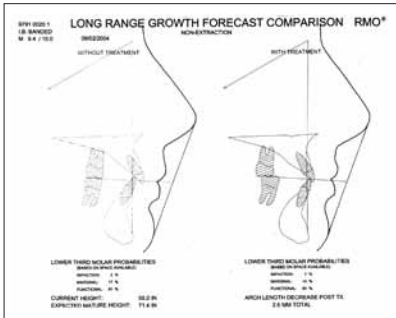
- Lateral and frontal tracing
- The most popular analyses (Ricketts®, Jarabak, Steiner, Sassouni, Downs and Grummons)
- Significant Considerations, which is a summary of the patient problem based on over 200 digitized anatomical points



Visual Norms

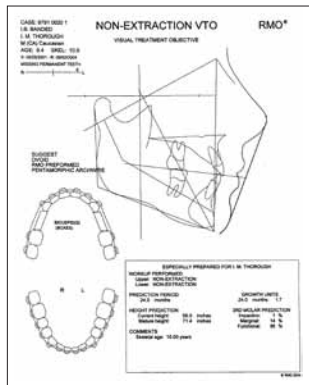
- Visual norm is an individualized computer composite of a normal population selected by age, gender, and race, adjusted for size
- Visual norm enables the practice to visualize a patient's abnormalities by superimposing an image on the tracing





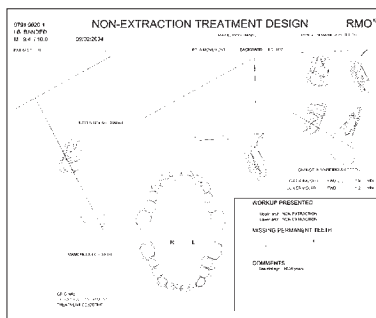
Growth Forecast to Maturity

- Growth forecast to maturity with and without treatment are displayed
- Expected profile, skeletal development, and dentition are evaluated
- 3rd molar space analysis and expected space available
- Patient height to maturity is estimated
- This display is the most effective communicator for patient presentation, and answers the following questions:
 1. What happens if I am not treated?
 2. What if I am treated?
 3. Will I outgrow the problem?
- Emphasizes long term treatment plan instead of two year short term plan



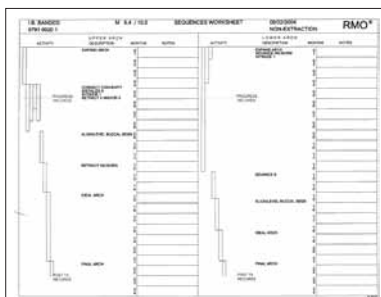
Visual Treatment Objective (VTO)

- An individualized post-treatment goal
- Takes into account the existing skeletal morphology, limitation of skeletal change, expected growth, occlusal function, aesthetics, arch form, crowding, doctor's treatment philosophy and mechanics, extraction or none, and treatment stability



Treatment Design

- Shows the tooth and skeletal changes required to achieve the Visual Treatment Objective



Sequence Worksheet

- This is a tool to aid the practice in developing a written treatment plan
- This tool combined with documentation allows the practice to track how treatment is progressing at any time

Packages

PD	Primary Dentition Diagnostic Package (no arch required)	
D1	Comprehensive Package	Lateral x-ray and lower arch impression required
F1	Functional Application Package	There is no additional charge for submitting a frontal x-ray
SP	Surgery Package	Facial photos are optional. A pan-oral x-ray helps us better analyze a case
VP	Visual Package (frontal at extra charge)	Wrist film and upper arch impression are encouraged (w/additional charge)
27	Predetermined Arch Length Package	Lateral x-ray is required with ALD and leeway space

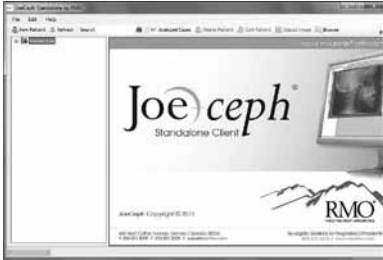
31	Progress Tracing and CCD	
32	End of Tx Tracing and CCD	Lateral x-ray is required
33	Retention Tracing and CCD	The case has been previously processed by RMO
34	Post Retention Tracing and CCD	

Referral packages

64	Patient/Parent	
65	Interprofessional	D1 Comprehensive Package
66	ENT	

To order any of the following services, you must order a Tracing and CCD in addition to any items listed in the center column. You must send a lateral x-ray and any materials listed in the right column.

TO ORDER:	ORDER ALSO:	SEND ALSO:
03 Lower Arch Length/Arch Form Analysis	—	Arch Impression
04 VTO Discrepancy	Arch Analysis, VTO	Arch Impression or Arch Length
05 Tx Design	Arch Impression, VTO	Arch Impression
06 Long Range Growth Forecast Comparison	Arch Impression, VTO	Arch Impression
07 Sequences Worksheet	Arch Impression, VTO, Tx Design	Arch Impression
08 Visual Norms	—	—
10 Skeletal Age/Wrist Film Evaluation	—	Wrist x-ray
11 Steiner Analysis	—	—
29 Steiner Tracing	Steiner Analysis	—
12 Downs Analysis	—	—
13 Short Range Forecast w/o Tx	—	—
14 Jarbak Analysis	—	—
16 Upper Arch Analysis	Arch Analysis	Arch Impression, Upper Arch Impression
17 Long Range Forecast w/o Tx	—	—
18 Surgery Workup	Arch Analysis, Visual Norm	Arch Impression
19 Functional Appliance Workup	Arch Analysis	Arch Impression
20 Pre-Ortho Referral Analysis	Arch Analysis, VTO	Arch Impression
21 Mini	Arch Analysis, VTO, Tx Design	Arch Impression
26 Post Tx Forecast	Arch Analysis, VTO Arch	Impression



JOE-Ceph Description

- Tin-office Software Package
- On Screen Digitizing
- Cephalometric Analyses
- Custom Analysis
- Upper and Lower Arch Analysis
- Visual Norms
- Airway Analysis
- Excessive Mandibular Growth Alert
- 24 Month Growth Forecast without Treatment
- Superimpositions of Different Time Points
- Management of Patient Images