TABLE E-1 Patient Data

| Case | Sex | Age | Endocrinopathy | Location of scoliosis | Lesion location | Ant v Post | Pelvic obliquity $(\mathrm{Y}=1)$ | Midline Skin Lesions | Other lesions |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | M | 39 | Phos | 0 | CTLS | Post>Ant | 0 | 0 | Pe, R, LB,Sk |
| 2 | M | 7 | 0 | 0 | 0 | 0 | 0 | 0 | R,Sk |
| 3 | F | 16 | PP | 0 | T | Post>Ant | 0 | 0 | Pe, R, LB,Sk |
| 4 | M | 9 | 0 | 0 | 0 | 0 | 0 | 0 | Pe, R, LB,Sk |
| 5 | F | 49 | 0 | TL | TL | Post>Ant | 0 | 0 | $\mathrm{Pe}, \mathrm{Sk}$ |
| 6 | F | 32 | PP, T | 0 | TL |  | 0 | 0 | Pe, R, LB,Sk |
| 7 | F | 34 | 0 | 0 | L | Post>Ant | 0 | 0 | Pe,R,Sk |
| 8 | F | 15 | PP, T, Phos | TL | TL | Post>Ant | 0 | 0 | Pe, R, LB,Sk |
| 9 | F | 35 | C, GH | TL | TL | Post>Ant | 0 | 1 | Pe, R, LB, Sk |
| 10 | M | 41 | 0 | 0 | 0 | 0 | 0 | 0 | Pe,LB |
| 11 | M | 12 | 0 | 0 | 0 | 0 | 0 | 0 | Pe,LB |
| 12 | M | 15 | GH | TL | L | Ant>Post | 1 | 0 | Pe, R, LB,Sk |
| 13 | F | 58 | PP,C | TL | CTLS | Post>Ant | 0 | 1 | Sk |
| 14 | M | 38 | Phos | 0 | 0 | 0 | 0 | 0 | Pe, R, LB,Sk |
| 15 | F | 33 | 0 | 0 | 0 | 0 | 0 | 0 | R,Sk |
| 16 | M | 40 | 0 | 0 | 0 | 0 | 0 | 0 | Pe,LB |
| 17 | M | 14 | PP, Phos | T | L | Ant>Post | 1 | 0 | Pe, R, LB,Sk |
| 18 | M | 52 | 0 | TL | CL | Post>Ant | 1 | 1 | Pe, R, LB,Sk |
| 19 | F | 11 | PP | 0 | 0 | 0 | 0 | 0 | Pe,LB,Sk |
| 20 | F | 22 | PP | 0 | L | Post>Ant | 0 | 0 | Pe, R, LB,Sk |
| 21 | F | 7 | PP | 0 | TL | Post=Ant | 0 | 1 | Pe, R, LB, Sk |
| 22 | M | 21 | C, Phos | TL | 0 | Post>Ant | 0 | 1 | Pe, R, LB,Sk |
| 23 | M | 11 | C, Phos | 0 | 0 | 0 | 0 | 1 | Pe, R, LB,Sk |
| 24 | F | 9 | PP | 0 | 0 | 0 | 0 | 1 | Pe,LB,Sk |
| 25 | F | 15 | 0 | 0 | L | Post=Ant | 0 | 0 | LB |
| 26 | F | 55 | 0 | 0 | L | Post>Ant | 0 | 0 | Sk |
| 27 | F | 34 | PP,GH | 0 | TL | Post>Ant | 0 | 0 | Pe, R, LB,Sk |
| 28 | F | 18 | PP | L | TL | Ant>Post | 1 | 0 | Pe, R, LB,Sk |
| 29 | F | 45 | Phos | L | TL | Post=Ant | 0 | 0 | Pe, R, LB,Sk |
| 30 | F | 18 | PP | 0 | L | Post>Ant | 0 | 0 | Pe, R, LB,Sk |
| 31 | F | 32 | 0 | 0 | 0 | 0 | 0 | 0 | Pe, R, LB,Sk |
| 32 | F | 31 | 0 | 0 | 0 | Post>Ant | 0 | 0 | Pe,LB,Sk |
| 33 | F | 21 | PP,GH | TL | TLS | Post=Ant | 0 | 1 | Pe, R, LB,Sk |
| 34 | M | 10 | Phos | L | TL | Post>Ant | 1 | 1 | Pe,LB,Sk |
| 35 | M | 16 | T | 0 | TS | 0 | 0 | 0 | R,Sk |
| 36 | F | 22 | PP,C,T,Phos | TL | 0 | Post>Ant | 1 | 0 | Pe, R, LB,Sk |
| 37 | M | 17 | Phos | TL | TLS | Ant>Post | 1 | 0 | Pe, R, LB, Sk |
| 38 | F | 42 | PP,T | 0 | L | 0 | 0 | 0 | Pe, R, LB, Sk |
| 39 | F | 14 | PP,T,GH,Phos | TL | 0 | 0 | 1 | 1 | Pe, R, LB, Sk |
| 40 | F | 11 | PP,T,GH,Phos | 0 | 0 | 0 | 0 | 0 | Pe, R, LB,Sk |
| 41 | M | 30 | PP,T,GH,Phos,Cush | 0 | 0 | 0 | 1 | 1 | Pe, R, LB, Sk |
| 42 | F | 18 | PP,T | L | 0 | Post>Ant | 0 | 1 | Pe, R, LB,Sk |
| 43 | F | 10 | 0 | TL | CTLS | Post>Ant | 1 | 0 | Pe, R, LB,Sk |
| 44 | F | 30 | PP,C,T,Phos | TL | T | Post>Ant | 1 | 0 | Pe, R, LB,Sk |
| 45 | M | 6 | T | 0 | T | 0 | 0 | 0 | Pe,LB,Sk |
| 46 | M | 43 | PP,T,Phos | TL | 0 | Post>Ant | 0 | 1 | Pe, R, LB,Sk |
| 47 | M | 41 | PP,Phos | 0 | CTLS | Post>Ant | 0 | 1 | Pe, R, LB,Sk |
| 48 | F | 11 | 0 | 0 | T | 0 | 0 | 0 | Pe, R, LB,Sk |
| 49 | M | 7 | Phos | 0 | 0 | 0 | 0 | 1 | Pe, R, LB,Sk |
| 50 | M | 41 | Phos | L | 0 | Post>Ant | 0 | 0 | Pe, R, LB,Sk |
| 51 | F | 18 | PP | 0 | TLS | Post=Ant | 0 | 0 | Pe, R, LB,Sk |
| 52 | F | 29 | PP | TL | TL | Post=Ant | 0 | 0 | R,Sk |
| 53 | M | 4 | PP,T,Phos | 0 | TL | Post=Ant | 0 | 0 | R,LB,Sk |
| 54 | F | 13 | PP,T | L | TL | Post>Ant | 0 | 0 | Pe, R, LB,Sk |
| 55 | F | 9 | PP | 0 | L | 0 | 0 | 0 | Pe, LB, Sk |
| 56 | F | 4 | Phos | 0 | 0 | 0 | 0 | 1 | Pe, R, LB,Sk |
| 57 | F | 80 | PP | TL | 0 | Post>Ant | 0 | 0 | Pe, R, LB, Sk |
| 58 | F | 30 | 0 | 0 | TLS | 0 | 0 | 0 | Pe, R, LB, Sk |
| 59 | F | 49 | 0 | 0 | 0 | 0 | 0 | 0 | Pe, R, LB,Sk |
| 60 | F | 9 | PP,T,Phos | T | 0 | Post>Ant | 0 | 1 | Pe, R, LB,Sk |
| 61 | F | 41 | PP,T,Phos | TL | TL | Post>Ant | 1 | 1 | Pe, R, LB,Sk |
| 62 | M | 15 | 0 | 0 | CTLS | Post>Ant | 0 | 1 | $\mathrm{Pe}, \mathrm{R}, \mathrm{LB}, \mathrm{Sk}$ |

Key: $\mathrm{M}=$ male ; $\mathrm{F}=$ female; Phos = phosphate wasting; $\mathrm{PP}=$ precocious puberty; T=hyperthyroidism; $\mathrm{GH}=$ acromegaly; $\mathrm{C}=$ hyperparathyroidism; Cush = Cushing syndrome; $\mathrm{C}=$ cervical spine; $\mathrm{T}=$ thoracic spine; $\mathrm{L}=$ lumbar spine; $\mathrm{S}=$ sacrum; Post $=$ posterior; Ant $=$ anterior; $0=$ no; $1=$ yes; $\mathrm{Pe}=$ pelvis; $\mathrm{R}=$ ribs; $\mathrm{LB}=$ long bones; $\mathrm{Sk}=$ skull.

