Index

A

AIDS-related information 101
artificial intelligence 129, 152
audio communication 183

B

Bayesian theory 169
business process reengineering 27

C

Caduceus 136
capitation 92
Casnet 136
certainty factor 137
change agents 118
client-server computing 220
client-server architecture 220
clinical information 183
clinical information system 108
collection and use of health information 81
communication 181
communication links 33
communications networks 29
Computer-Based Patient Record Institute 209
computerized vision 132
conception-reality gaps 96
confidentiality 80
Cooperation Pictures Task Pictures 15
cost/benefit factor 30
Customization 118

data warehousing 152
decision support systems 117, 152
design conceptions 101
design-reality gaps 96
developing countries 112
document imaging system 39

E

electronic commerce 161
electronic data interchange 85
electronic patient record 97
end-user development 119
evidence-based information 107
evolutionary system development 6
expert system 103, 129, 132, 169, 172

F

failure 96
financial information 105
financial management 105
fraud detection approaches 149
fraud detection system 160

G

globally dispersed resources 29

H

Health Information Privacy Code 80
health information strategy 80
Health Insurance Association of America 150
Health Intranet 86
healthcare delivery processes 33
healthcare fraud 149
Healthcare Information and Management Systems Society 38
healthcare information systems application 96, 232
healthcare organizations’ information systems need 232
healthcare practice 150
healthcare transactions 150
hospital information systems 1
Hybridization 119

I
incrementalism 120
informatics nurse 119
Information Privacy Principles 89
information security 50
information systems support 33
information technology 30, 149
Internet 35, 38
Internist -1 135
intranet 38
ITPOSMO 96

K
Kernel System 16
knowledge bases 135, 170

L
legitimizing reality 116
Lister Hill National Center 182
Logan International Airport Health Station 182
London Ambulance Service 98

M
medical diagnosis 172
medical information security tenets 50
medical information systems 50
Medical Warnings System 80
minimizing cost 186
Mycin 135

N
National Health Index 80
National Library of Medicine 182
National Minimum Data Set 80
natural language 129
Nebraska State Psychiatric Clinic 182
Neomycin 136
neural networks 132, 142
New Zealand Health Information Service 80
New Zealand Privacy Commissioner 86
New Zealand’s privacy legislation 80
nursing information systems 113
nursing system 107

O
organizational change 99
outcomes 28
ownership of the medical file 211

P
Papago Native American Reservation 181
participation 119
patient assessment information system 109
patient diagnosis 182
patient-centered information system 108
pen-based computing system 37
pharmaceutical data warehouse 85
Philippines 113
Present Illness Program 140
privacy 80
Privacy Act 1993 80
privacy law 86
privacy regime 88
privacy rules 86
private finance initiatives 120
private healthcare 110
probabilities 170
professional isolation 187
prototypes 16
Prototyping 117
public hospitals 110
public sector 96
<table>
<thead>
<tr>
<th>Q</th>
<th>V</th>
</tr>
</thead>
<tbody>
<tr>
<td>quality of service 187, 196</td>
<td>video communication 182</td>
</tr>
<tr>
<td>R</td>
<td>videoconference equipment 180</td>
</tr>
<tr>
<td>Radiology 129</td>
<td>virtual health organization 186</td>
</tr>
<tr>
<td>rationality 96</td>
<td>visual information 134</td>
</tr>
<tr>
<td>rationality-imposing applications 117</td>
<td>voice recognition 36</td>
</tr>
<tr>
<td>reality-supporting applications 117</td>
<td>voice-recognition applications 35</td>
</tr>
<tr>
<td>reengineering 31</td>
<td></td>
</tr>
<tr>
<td>remote access 35, 38</td>
<td></td>
</tr>
<tr>
<td>rich pictures 117</td>
<td></td>
</tr>
<tr>
<td>Right to Medical Privacy 209</td>
<td></td>
</tr>
<tr>
<td>robotics 132</td>
<td></td>
</tr>
<tr>
<td>S</td>
<td></td>
</tr>
<tr>
<td>Security of Medical Information</td>
<td></td>
</tr>
<tr>
<td>Principles 210</td>
<td>Web-based electronic commerce 160</td>
</tr>
<tr>
<td>shared databases 29</td>
<td>Wessex Regional Health Authority 111</td>
</tr>
<tr>
<td>smart card 87</td>
<td>wireless communications 35</td>
</tr>
<tr>
<td>Soft Systems Methodology 115</td>
<td>word processing 117</td>
</tr>
<tr>
<td>Software Technology for Evolutionary</td>
<td>work practices 5</td>
</tr>
<tr>
<td>Participative 6</td>
<td>WWW-based intranets 25</td>
</tr>
<tr>
<td>speech recognition 132</td>
<td></td>
</tr>
<tr>
<td>strategic information systems planning 111</td>
<td></td>
</tr>
<tr>
<td>system stages 16</td>
<td></td>
</tr>
<tr>
<td>system visions 16</td>
<td></td>
</tr>
<tr>
<td>T</td>
<td></td>
</tr>
<tr>
<td>Task Pictures 14</td>
<td></td>
</tr>
<tr>
<td>teledermatology 178</td>
<td></td>
</tr>
<tr>
<td>telehealth 178</td>
<td></td>
</tr>
<tr>
<td>telemedicine 178</td>
<td></td>
</tr>
<tr>
<td>teleradiology 178</td>
<td></td>
</tr>
<tr>
<td>U</td>
<td></td>
</tr>
<tr>
<td>UK National Health Service’s Resource</td>
<td></td>
</tr>
<tr>
<td>Management 98</td>
<td>Web-based electronic commerce 160</td>
</tr>
<tr>
<td>unique identifier 85</td>
<td>Wessex Regional Health Authority 111</td>
</tr>
<tr>
<td>University of Virginia Medical Center 98</td>
<td>wireless communications 35</td>
</tr>
<tr>
<td>user-oriented documents 5</td>
<td>word processing 117</td>
</tr>
<tr>
<td></td>
<td>work practices 5</td>
</tr>
</tbody>
</table>