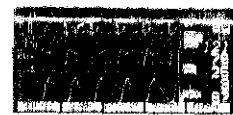
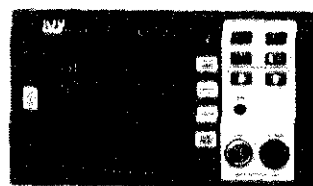
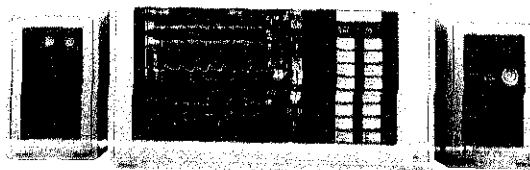




NEELCOR WORKS HERE

NEELCOR is a leading manufacturer of electronic equipment for the medical, scientific, and industrial fields. Our products are designed to meet the most demanding requirements of these industries, and we are proud to provide a wide range of equipment to our customers. Our products are known for their reliability, accuracy, and ease of use, and we are committed to providing excellent customer service and support. We have a long history of innovation and excellence, and we continue to invest in research and development to ensure that our products are always at the forefront of the industry.

NEELCOR



For further information, please write to NEELCOR, 10000 1st Avenue, Northridge, CA 91324.

SIGNED LICENSEE AGREEMENTS

| LICENSEE | NELLCOR MANAGER | PRODUCTS IN MARKETPLACE |
|--------------------------------|-----------------|----------------------------|
| 1. HEWLETT-PACKARD | Bill Bednarski | Yes |
| 2. INVIVO | Bill Bednarski | Call Invivo |
| 3. MARQUETTE ELECTRONICS | Kay Lester | Yes |
| 4. SIEMENS MEDICAL ELECTRONICS | Bill Bednarski | Yes |
| 5. SPACELABS | Kay Lester | Yes |

* Customer should consult instrument manufacturer for compatibility of particular instruments and sensor models.

SIGNED OEM AGREEMENTS

| | <u>OEM</u> | <u>NELLCOR MANAGER</u> | <u>PRODUCTS IN MARKETPLACE</u> |
|-----|--|------------------------|------------------------------------|
| 1. | A & D COMPANY LIMITED | Bill Bednarski | No |
| 2. | ABBOTT LABORATORIES (Critical Care Div.) | Bill Bednarski | No |
| 3. | AIRSHIELDS INC. | Kay Lester | No |
| 4. | AMBRA S.C.R.L. | Bill Bednarski | No |
| 5. | ATOM MEDICAL CORPORATION | Bill Bednarski | Yes |
| 6. | BASCO CS LTD. | Bill Bednarski | No |
| 7. | BAXTER HEALTHCARE CORPORATION | Kay Lester | Yes |
| 8. | BESE BIOENGENHARIA SIST. EQUIP. S/A | Kay Lester | Yes |
| 9. | CENTURY MEDICAL INC. | Bill Bednarski | Yes |
| 10. | C.I.R. | Bill Bednarski | No |
| 11. | COLIN CORPORATION | Bill Bednarski | Yes |
| 12. | COROMETRICS MEDICAL SYSTEMS | Kay Lester | Yes |
| 13. | DATASCOPE CORPORATION | Bill Bednarski | Yes |
| 14. | DATEX | Kay Lester | Yes |
| 15. | DIGITRACE CARE SERVICES | Bill Bednarski | No |
| 16. | DIMA ITALIA SAS | Bill Bednarski | No |
| 17. | DRÄGER BEST | Kay Lester | Yes |
| 18. | DRÄGER LUBECK | Kay Lester | Yes |
| 19. | DYNE ARGENTINA A.S. | Kay Lester | Yes |
| 20. | EDENTEC | Bill Bednarski | Yes |
| 21. | FUKUDA DENSHI | Bill Bednarski | Yes |

* Customer should consult instrument manufacturer for compatibility of particular instruments and sensor models.

MSW/OEM/SIGNAGR3.DOC

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SIGNED OEM AGREEMENTS

| | <u>OEM</u> | <u>NELLCOR MANAGER</u> | <u>PRODUCTS IN MARKETPLACE</u> |
|-----|---|------------------------|------------------------------------|
| 22. | FUKUDA M-E KOGYO COMPANY | Bill Bednarski | No |
| 23. | HELLIGE GMBH | Bill Bednarski | No |
| 24. | IVY BIOMEDICAL | Kay Lester | Yes |
| 25. | JOHNSON & JOHNSON MEDICAL INC. | Bill Bednarski | Yes |
| 26. | KOHKEN MEDICAL CO., LTD. | Bill Bednarski | No |
| 27. | MEDICAL DATA ELECTRONICS | Kay Lester | Yes |
| 28. | MENNEN MEDICAL INC. | Bill Bednarski | Yes |
| 29. | NARCOSUL-APARELHOS CIENTIFICOS LTDA. | Kay Lester | No |
| 30. | NASCOR PTY. LTD. | Bill Bednarski | No |
| 31. | NORTH AMERICAN DRÄGER | Kay Lester | Yes |
| 32. | PACE-TECH, INC. | Bill Bednarski | Yes |
| 33. | PROGESI SRL | Bill Bednarski | No |
| 34. | PROTOCOL SYSTEMS, INC. | Kay Lester | Yes |
| 35. | PRYON CORPORATION | Kay Lester | Y (N6000) |
| 36. | QUINTON INSTRUMENT COMPANY | Kay Lester | No |
| 37. | S & W MEDICO TEKNIK | Kay Lester | Yes |
| 38. | SCHILLER AG | Bill Bednarski | Yes |
| 39. | SLEEPTRACE/ARECA SCIENCE | Bill Bednarski | Yes |
| 40. | SYNECTICS | Kay Lester | Yes |
| 41. | WITT BIOMEDICAL | Bill Bednarski | Yes |

* Customer should consult instrument manufacturer for compatibility of particular instruments and sensor models.

Most monitoring systems manufacturers have standardized on *NELLCOR* sensors or offer this compatibility as an option.

OEM customers are companies that purchase pulse oximetry modules from Nellcor. They incorporate the modules into finished medical instruments that they have designed and produced. OEM customers currently include:

| | |
|---------------------------------|--------------------------------|
| Airshields Inc. | EdenTec |
| Atom Medical Corporation | Fukuda Denshi |
| Baxter Healthcare Corporation | Ivy Biomedical |
| Bese Bioengenharia Sist. | MDE (Medical Data Electronics) |
| Equipment S/A | Mennen Medical Inc. |
| Century Medical Inc. | North American Dräger |
| Colln Medical Instruments Corp. | Progresi |
| Corometrics Medical Systems | Protocol Systems, Inc. |
| Critikon | S & W Medico Teknik |
| Datascope Corporation | Schiller AG |
| Datex | Sleeptrace/Areca Science |
| Digitrace Care Services | Synectics |
| Dräger (Europe) | Witt Biomedical |
| Dyne Argentina A.S. | |

Nellcor's licensing customers hold licenses under certain Nellcor patents that permit these companies to interface their oximeters with *NELLCOR* sensors. To facilitate this interface, Nellcor has provided these companies with certain information about its sensors and the signals transmitted by those sensors. Licensing customers design and produce the oximetry function in their oximeters. Licensing customers currently include:

| | |
|-----------------------|-----------------------------|
| Hewlett-Packard | Siemens Medical Electronics |
| Marquette Electronics | SpaceLabs |

Please contact the individual company representatives for specific information on the compatibility of particular instrument models with particular *NELLCOR* sensor models.

Nellcor Puritan Bennett Sensors for Non-Nellcor Instruments

7/10/98

Licensee Companies (Con't)

| Recommended NPB Sensors | | | | | | | | | | | | | | | | | | |
|-------------------------|----------------------------------|--------------------------|---------------|------|-----|-----|-----|-----|----------|-----|-----|-----|---------|-----------------|--------|------|-------------|-------------|
| Company | Instrument | Model | OXISENSOR® II | | | | | | OXICLIQ® | | | | | | | | OXIBAND® | |
| | | | D25 | D25L | D20 | I20 | N25 | R15 | A | P | N | I | DURA-Y® | DYSE EARCLIP | DS100A | RS10 | OXI- A/N | OXI- P/I |
| Hewlett-Packard | XM Series 50 Fetal Monitor | M1350B | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Viridia Telemetry Sys | M2500 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| Marquette | Eagle | 3000/4000 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | No | Yes | Yes |
| | Tram | 250,450,650 850,850SL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | No | Yes | Yes |
| | Solar SpO2 | 7000/8000 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | No | Yes | Yes |
| Siemens | SpO2/SpO2 Cartridge for Sirecust | 400, 900, 1200 | Yes | Yes | No | No | No | No | Yes | No | No | No | No | No | Yes | No | Yes | No |
| | MicroO2 | | Yes | Yes | No | No | No | No | Yes | No | No | No | Yes | No | Yes | Yes | Yes | No |
| | Sirecust | 732 | Yes | Yes | No | No | No | No | No | No | No | No | No | No | Yes | No | No | No |
| SpaceLabs | | 90351 | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | No | Yes | Yes |
| | | 90465/66/67 | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | No | Yes | Yes |
| | | 90489 | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | No | Yes | Yes |

* In general, Hewlett-Packard recommends their own reusable sensor line for those applications where a reusable sensor is desirable. The Oxiband sensors are the only NPB reusable sensors that Hewlett-Packard recommends for use with its instruments; Hewlett-Packard began recommending these sensors prior to Hewlett-Packard's introduction of its full family of reusable sensors.

OEM Companies

| OEM Companies | | | Recommended NPB Sensors | | | | | | | | | | | | | | | |
|---------------|----------------------|------------------|-------------------------|------|-----|-----|-----|-----|----------|-----|----|----|---------|-----------------|--------|------|-------------|-------------|
| Company | Instrument | Model | OXISENSOR® II | | | | | | OXICLIQ® | | | | | | | | OXIBAND® | |
| | | | D25 | D25L | D20 | I20 | N25 | R15 | A | P | N | I | DURA-Y® | DYSE EARCLIP | DS100A | RS10 | OXI- A/N | OXI- P/I |
| A&D Company | Blood Press Monitor | TM2740/41 | Yes | No | Yes | Yes | No | Yes | No | No | No | No | Yes | No | Yes | Yes | Yes | Yes |
| | w/Pulse Oximetry | TM2542/43 | Yes | No | Yes | Yes | No | Yes | No | No | No | No | Yes | No | Yes | No | Yes | Yes |
| Besc | Monitor | BIO-4 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| | Monitor | BIO-7 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| Corometrics | 556 Monitor | w/5569AAX module | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| | Maternal/Fetal Montr | 118 | Yes | Yes | No | No | No | No | No | No | No | No | No | No | No | No | No | No |
| | Infant Monitor | 510 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| | Infant Monitor | 511 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| Datascope | Passport | w/NPB module | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | Yes | No | No |
| Datex | M-NSAT | AS/3 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | No | Yes | Yes |
| Dräger Lübeck | OXISAT | II | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | Yes | Yes | Yes |
| | CICERO | EM | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | Yes | Yes | Yes |
| | PM | 8050 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | Yes | Yes | Yes |
| | CAPNOSAT | | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | Yes | Yes | Yes |

Nellcor Puritan Bennett Sensors for Non-Nellcor Instruments

7/10/98

OEM Companies (Cont)

| Company | | | Instrument | | | Model | | | Recommended NPB Sensors | | | | | | | | | | OXIBAND® | |
|----------------|--|-------------|---------------|------|-----|-------|-----|-----|-------------------------|-----|-----|-----|---------|-----------------|--------|----------|-------------|-------------|----------|--|
| | | | OXISENSOR® II | | | | | | OXICLIQ® | | | | | | | | | | | |
| | | | D25 | D25L | D20 | I20 | N25 | R15 | A | P | N | I | DURA-Y® | DYSE EARCLIP | DS100A | RS1 0 | OXI- A/N | OXI- P/I | | |
| Dyne Argentina | MCD-300 | 01 S7 | No | No | No | No | No | No | No | No | No | No | Yes | No | Yes | No | Yes | Yes | | |
| | MCD-300 | 02 S7 | No | No | No | No | No | No | No | No | No | No | Yes | No | Yes | No | Yes | Yes | | |
| | MCD-300 | 07 S7 | No | No | No | No | No | No | No | No | No | No | Yes | No | Yes | No | Yes | Yes | | |
| | MCD-300 | 09 S7 | No | No | No | No | No | No | No | No | No | No | Yes | No | Yes | No | Yes | Yes | | |
| Fukuda Denshi | DS-2000 | DS-2120 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes | | |
| | DS-3000 | HG-302 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes | | |
| Fukuda M-E | ECG | a-1200 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes | | |
| Ivy Biomedical | Monitor | 705 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | Yes | Yes | | |
| | Monitor | 706 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | Yes | Yes | | |
| | Monitor | 405A | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | Yes | Yes | | |
| | Monitor | 405D | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | Yes | Yes | | |
| JMI/Critikon | DINAMAP™ PLUS | 9700 Series | Yes | No | Yes | Yes | Yes | No | No | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | | |
| | Select | | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | | |
| MDI | Escort | 100& 100T | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | N/A* | Yes | Yes | Yes | Yes | | |
| | Escort | 300A | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | N/A* | Yes | Yes | Yes | Yes | | |
| | Escort II Multiparamtr 100 & 300 Module | 20001 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | N/A* | Yes | Yes | Yes | Yes | | |
| | Escort | Prism™ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | Yes | Yes | | |
| | Escort | Prism™-GL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | Yes | Yes | | |
| N. A. Drager | Harkomed | 3 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | No | No | | |
| | Harkomed | 4 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | No | No | | |
| | Vitalert | 1000 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | No | No | | |
| | Vitalert | 3000 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | No | No | | |
| Progesi SRL | Vitatele System | | No | No | No | No | No | No | No | No | No | No | No | No | Yes | No | No | No | | |
| Protocol | PROPAQ Encore | 202 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | | |
| | PROPAQ Encore | 204 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | | |
| | PROPAQ Encore | 206 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | | |
| | PROPAQ | 102 | Yes | Yes | Yes | No | No | Yes | No | No | No | No | Yes | No | Yes | Yes | No | No | | |
| | PROPAQ | 104 | Yes | Yes | Yes | No | No | Yes | No | No | No | No | Yes | No | Yes | Yes | No | No | | |
| | PROPAQ | 106 | Yes | Yes | Yes | No | No | Yes | No | No | No | No | Yes | No | Yes | Yes | No | No | | |
| Quintoa Instr. | Vital Statistics System | 000394 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| S&W / ARTEMA | DIASCOPE | NT | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | Yes | No | Yes | Yes | | |
| | SpO2 Mod - Athena | 9267 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | Yes | No | Yes | Yes | | |
| | Cardio-Aid | MC, MC+ | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | Yes | No | Yes | Yes | | |

Nellcor Puritan Bennett Sensors for Non-Nellcor Instruments

7/10/48

OEM Companies (Con't)

| Company | Instrument | Model | Recommended NPB Sensors | | | | | | | | | | | | | | | |
|----------------------|------------------------|-------|-------------------------|------|-----|-----|-----|-----|----------|-----|-----|-----|---------|-----------------|--------|------|-------------|-------------|
| | | | OXISENSOR® II | | | | | | OXICLIQ® | | | | | | | | OXIBAND® | |
| | | | D25 | D25L | D20 | I20 | N25 | R15 | A | P | N | I | DURA-Y® | DYSE EARCLIP | DS100A | RS10 | OXI- A/N | OXI- P/I |
| Synectics/ Medtronic | MicroSleep | | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | No | No | Yes | Yes |
| Vivisol S.r.L. | OXYTEL | M32 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Welch Allyn | Vital Signs Monitor | | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | No | No | Yes | Yes | Yes | Yes | Yes | Yes |
| Witt Biomedical | Series II, III, IV & V | | No | No | No | No | No | No | No | No | No | No | No | No | Yes | No | No | No |

Additional Licensee and OEM Companies

Please note that the above table does not include all of our Licensee Companies & OEM Companies. NPB has requested comparable information from our other Licensee & OEM Companies and we are in the process of collecting the information. As we receive information from additional companies, we will be updating the table and the updates will be available through NPB sales representatives or Technical Service. In the interim, please consult the list below which contains our current Licensee & OEM Companies who are not listed in the table. Please consult these companies for information concerning which sensor models they recommend for use with which instrument models.

Additional OEM Companies

Abbott Laboratories (Critical Care Div.)
Advanced Medical Devices
Advanced Medical Systems
Airshields Inc.
Ambrá S.C.R.L.
Atom Medical Corporation
Artema Monitoring
Basco CS Ltd.
Century Medical Inc.
CHI Trading Corporation
C.I.R.
Colin Corporation
Dima Italia s.r.l.
Dräger Best
Electrona SA
Hypoxia Medical Ltd./G.C.L.
Indigenous Systems
Kohken Medical Co., Ltd.

Kontron Instruments, Ltd.
Larsen & Toubro Limited
Marquette-Hellige GMBH
Medical Invest Svenska/Ortivirus
Mennen Medical Inc.
Metrex GMBH
Narcosul-Aparelhos
Nascor Pty. Ltd.
NEC Corporation
Neutec Company
Nihon Kohden Corporation
Nissei
Oridion formerly Spegas Industries
Oxford Instruments
Schiller AG
Technologia Electronica Brasileira Ltda.
Telefactor Corporation
Vital Instruments

Additional Licensee Companies

Invivo

Nelcor Puritan Bennett Sensors for Non-Nelcor Instruments

7/10/98

The following table indicates recommendations by oximetry instrument manufacturers as to which Nelcor Puritan Bennett ("NPB") oximetry sensors may be used with those manufacturers' instruments. These recommendations have been provided to NPB by the manufacturers of the instruments listed; NPB has collected this information for the use of NPB's employees and as a convenience for NPB's customers. The manufacturer of each instrument is responsible for determining whether that instrument is compatible with each NPB sensor model, and the manufacturer is also responsible for determining accuracy levels of its instruments when used with those sensors. A "Yes" indicates that NPB has received a written statement from the instrument manufacturer indicating that the manufacturer recommends that sensor for use with that instrument. A "No" indicates that the manufacturer has not provided NPB with a recommendation for use of that sensor with that instrument. This information is subject to change and the instrument manufacturer may have more current information. Please contact the instrument manufacturer for the latest information regarding compatibility for any sensor listed with a "No".

Two categories of manufacturers are listed:

A "Licensee Company" is a company that holds a license under certain NPB patents. This license permits the company to make oximeters that interface with NPB sensors. To facilitate this interface, NPB has provided these companies with certain information about its sensors and the signals transmitted by those sensors. The oximetry function in these companies' oximeters is designed and produced by the Licensee Companies (or by their suppliers).

An "OEM Company" is a company that purchases internal modules that are designed and produced by NPB to calculate oxygen saturation. The OEM Company incorporates the modules into finished medical instruments that are designed and produced by the OEM Company. The OEM Company is responsible for assuring that the medical instruments properly use the modules so that the oximetry portions of the instruments operate properly.

Please Note: This information was the most recent information received from the OEM and Licensee Companies through the date of this chart. This information is subject to change and the OEM or Licensee Companies may have more current information. Before employing any of these instrument-sensor combinations in clinical use, the user should confirm this information with the OEM or Licensee Company who manufactures the instrument.

Licensee Companies

| Company | Instrument | Model | Recommended NPB Sensors | | | | | | | | | | | | | | | |
|-----------------|---|-------------------------------|-------------------------|------|-----|-----|-----|-----|----------|-----|-----|-----|---------|-----------------|--------|------|----------------|----------------|
| | | | OXISENSOR® II | | | | | | OXICLIQ® | | | | | | | | OXIBAND® | |
| | | | D25 | D25L | D20 | I20 | N25 | R15 | A | P | N | I | DURA-Y® | DYSE EARCLIP | DS100A | RS10 | OXIBAND A/I | OXIBAND P/I |
| Hewlett-Packard | Component Monitoring System | (Merlin) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Compact Configurable Monitor for Neonatal | 78834C (Mickie) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Compact Configurable Monitor | 78352C (MiniShot) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Compact Configurable Monitor | 78354C (Miracle) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | CodeMaster XL Series | M1722x | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | CodeMaster XL Series | M1723x | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | CodeMaster 100 | M2475B | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Omnicare Component Monitoring System | N1175A/ M1176A (M1020A) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Omnicare Model 24 | M1205A (M1020A) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |

Nelcor Puritan Bennett Sensors for Non-Nelcor Instruments

7/10/98

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Please Note: This information was the most recent information received from the OEM and Licensee Companies through the date of this chart. This information is subject to change and the OEM or Licensee Companies may have more current information. Before employing any of these instrument-sensor combinations in clinical use, the user should confirm this information with the OEM or Licensee Company who manufactures the instrument.

Licensee Companies

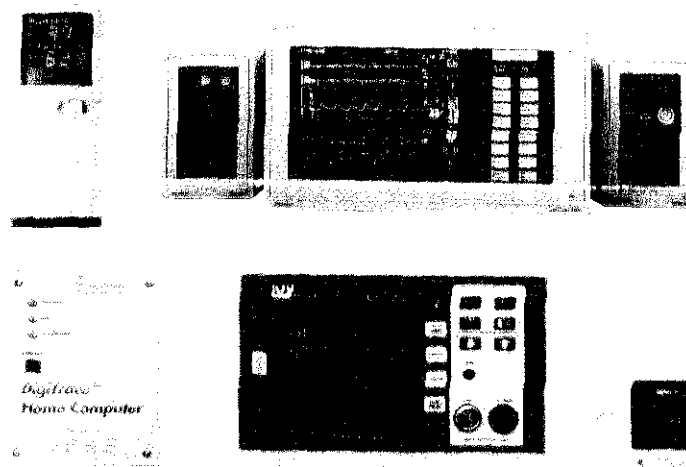
| Company | Instrument | Model | Recommended NPB Sensors | | | | | | | | | | | | | | | |
|-----------------|---|-------------------------------|-------------------------|------|-----|-----|-----|-----|----------|-----|-----|-----|---------|-----------------|--------|------|----------------|----------------|
| | | | OXISENSOR® II | | | | | | OXICLIQ® | | | | | | | | OXIBAND® | |
| | | | D25 | D25L | D20 | I20 | N25 | R15 | A | P | N | I | DURA-Y® | DYSE EARCLIP | DS100A | RS10 | OXIBAND A/I | OXIBAND P/I |
| Hewlett-Packard | Component Monitoring System | (Merlin) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Compact Configurable Monitor for Neonatal | 78834C (Mickie) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Compact Configurable Monitor | 78352C (MiniShot) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Compact Configurable Monitor | 78354C (Miracle) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | CodeMaster XL Series | M1722x | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | CodeMaster XL Series | M1723x | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | CodeMaster 100 | M2475B | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Omnicare Component Monitoring System | N1175A/ M1176A (M1020A) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Omnicare Model 24 | M1205A (M1020A) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |



NEELCOR WORKS HERE

NEELCOR is a leading manufacturer of electronic equipment for the medical, scientific, and industrial fields. Our products are designed to meet the most demanding requirements of these industries, and we are committed to providing the highest quality equipment at the most competitive prices. Our products are used in a wide variety of applications, from medical diagnosis to scientific research, and we are proud to be a part of these important endeavors.

NEELCOR



Digitrax
Homo Computer

For further information, please write to: NEELCOR, 10000 1st Avenue, Northridge, CA 91324

SIGNED LICENSEE AGREEMENTS

| <u>LICENSEE</u> | <u>NELCOR MANAGER</u> | <u>PRODUCTS IN MARKETPLACE</u> |
|--------------------------------|-----------------------|------------------------------------|
| 1. HEWLETT-PACKARD | Bill Bednarski | Yes |
| 2. INVIVO | Bill Bednarski | Call Invivo |
| 3. MARQUETTE ELECTRONICS | Kay Lester | Yes |
| 4. SIEMENS MEDICAL ELECTRONICS | Bill Bednarski | Yes |
| 5. SPACELABS | Kay Lester | Yes |

* Customer should consult instrument manufacturer for compatibility of particular instruments and sensor models.

SIGNED OEM AGREEMENTS

| | <u>OEM</u> | <u>NELLCOR MANAGER</u> | <u>PRODUCTS IN MARKETPLACE</u> |
|-----|--|------------------------|------------------------------------|
| 1. | A & D COMPANY LIMITED | Bill Bednarski | No |
| 2. | ABBOTT LABORATORIES (Critical Care Div.) | Bill Bednarski | No |
| 3. | AIRSHIELDS INC. | Kay Lester | No |
| 4. | AMBRA S.C.R.L. | Bill Bednarski | No |
| 5. | ATOM MEDICAL CORPORATION | Bill Bednarski | Yes |
| 6. | BASCO CS LTD. | Bill Bednarski | No |
| 7. | BAXTER HEALTHCARE CORPORATION | Kay Lester | Yes |
| 8. | BESE BIOENGENHARIA SIST. EQUIP. S/A | Kay Lester | Yes |
| 9. | CENTURY MEDICAL INC. | Bill Bednarski | Yes |
| 10. | C.I.R. | Bill Bednarski | No |
| 11. | COLIN CORPORATION | Bill Bednarski | Yes |
| 12. | COROMETRICS MEDICAL SYSTEMS | Kay Lester | Yes |
| 13. | DATASCOPE CORPORATION | Bill Bednarski | Yes |
| 14. | DATEX | Kay Lester | Yes |
| 15. | DIGITRACE CARE SERVICES | Bill Bednarski | No |
| 16. | DIMA ITALIA SAS | Bill Bednarski | No |
| 17. | DRÄGER BEST | Kay Lester | Yes |
| 18. | DRÄGER LUBECK | Kay Lester | Yes |
| 19. | DYNE ARGENTINA A.S. | Kay Lester | Yes |
| 20. | EDENTEC | Bill Bednarski | Yes |
| 21. | FUKUDA DENSHI | Bill Bednarski | Yes |

* Customer should consult instrument manufacturer for compatibility of particular instruments and sensor models.

MSW/OEM/SIGNAGR3.DOC

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SIGNED OEM AGREEMENTS

| | <u>OEM</u> | <u>NELLCOR MANAGER</u> | <u>PRODUCTS IN MARKETPLACE</u> |
|-----|---|------------------------|--------------------------------|
| 22. | FUKUDA M-E KOGYO COMPANY | Bill Bednarski | No |
| 23. | HELLIGE GMBH | Bill Bednarski | No |
| 24. | IVY BIOMEDICAL | Kay Lester | Yes |
| 25. | JOHNSON & JOHNSON MEDICAL INC. | Bill Bednarski | Yes |
| 26. | KOHKEN MEDICAL CO., LTD. | Bill Bednarski | No |
| 27. | MEDICAL DATA ELECTRONICS | Kay Lester | Yes |
| 28. | MENNEN MEDICAL INC. | Bill Bednarski | Yes |
| 29. | NARCOSUL-APARELHOS CIENTIFICOS LTDA. | Kay Lester | No |
| 30. | NASCOR PTY. LTD. | Bill Bednarski | No |
| 31. | NORTH AMERICAN DRÄGER | Kay Lester | Yes |
| 32. | PACE-TECH, INC. | Bill Bednarski | Yes |
| 33. | PROGESI SRL | Bill Bednarski | No |
| 34. | PROTOCOL SYSTEMS, INC. | Kay Lester | Yes |
| 35. | PRYON CORPORATION | Kay Lester | Y (N6000) |
| 36. | QUINTON INSTRUMENT COMPANY | Kay Lester | No |
| 37. | S & W MEDICO TEKNIK | Kay Lester | Yes |
| 38. | SCHILLER AG | Bill Bednarski | Yes |
| 39. | SLEEPTRACE/ARECA SCIENCE | Bill Bednarski | Yes |
| 40. | SYNECTICS | Kay Lester | Yes |
| 41. | WITT BIOMEDICAL | Bill Bednarski | Yes |

* Customer should consult instrument manufacturer for compatibility of particular instruments and sensor models.

Most monitoring systems manufacturers have standardized on *NELLCOR* sensors or offer this compatibility as an option.

OEM customers are companies that purchase pulse oximetry modules from Nellcor. They incorporate the modules into finished medical instruments that they have designed and produced. OEM customers currently include:

| | |
|---------------------------------|--------------------------------|
| Airshields Inc. | EdenTec |
| Atom Medical Corporation | Fukuda Denshi |
| Baxter Healthcare Corporation | Ivy Biomedical |
| Bese Bioengenharia Sist. | MDE (Medical Data Electronics) |
| Equipment S/A | Mennen Medical Inc. |
| Century Medical Inc. | North American Dräger |
| Colln Medical Instruments Corp. | Progresi |
| Corometrics Medical Systems | Protocol Systems, Inc. |
| Critikon | S & W Medico Teknik |
| Datascope Corporation | Schiller AG |
| Datex | Sleeptrace/Areca Science |
| Digitrace Care Services | Synectics |
| Dräger (Europe) | Witt Biomedical |
| Dyne Argentina A.S. | |

Nellcor's licensing customers hold licenses under certain Nellcor patents that permit these companies to interface their oximeters with *NELLCOR* sensors. To facilitate this interface, Nellcor has provided these companies with certain information about its sensors and the signals transmitted by those sensors. Licensing customers design and produce the oximetry function in their oximeters. Licensing customers currently include:

| | |
|-----------------------|-----------------------------|
| Hewlett-Packard | Siemens Medical Electronics |
| Marquette Electronics | SpaceLabs |

Please contact the individual company representatives for specific information on the compatibility of particular instrument models with particular *NELLCOR* sensor models.

Nellcor Puritan Bennett Sensors for Non-Nellcor Instruments

7/10/98

Licensee Companies (Con't)

| Recommended NPB Sensors | | | | | | | | | | | | | | | | | | |
|-------------------------|----------------------------------|--------------------------|---------------|------|-----|-----|-----|-----|----------|-----|-----|-----|---------|-----------------|--------|------|-------------|-------------|
| Company | Instrument | Model | OXISENSOR® II | | | | | | OXICLIQ® | | | | | | | | OXIBAND® | |
| | | | D25 | D25L | D20 | I20 | N25 | R15 | A | P | N | I | DURA-Y® | DYSE EARCLIP | DS100A | RS10 | OXI- A/N | OXI- P/I |
| Hewlett-Packard | XM Series 50 Fetal Monitor | M1350B | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Viridia Telemetry Sys | M2500 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| Marquette | Eagle | 3000/4000 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | No | Yes | Yes |
| | Tram | 250,450,650 850,850SL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | No | Yes | Yes |
| | Solar SpO2 | 7000/8000 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | No | Yes | Yes |
| Siemens | SaO2/SpO2 Cartridge for Sirecust | 400, 900, 1200 | Yes | Yes | No | No | No | No | Yes | No | No | No | No | No | Yes | No | Yes | No |
| | MicroO2 | | Yes | Yes | No | No | No | No | Yes | No | No | No | Yes | No | Yes | Yes | Yes | No |
| | Sirecust | 732 | Yes | Yes | No | No | No | No | No | No | No | No | No | No | Yes | No | No | No |
| SpaceLabs | | 90351 | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | No | Yes | Yes |
| | | 90465/66/67 | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | No | Yes | Yes |
| | | 90489 | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | No | Yes | Yes |

* In general, Hewlett-Packard recommends their own reusable sensor line for those applications where a reusable sensor is desirable. The Oxiband sensors are the only NPB reusable sensors that Hewlett-Packard recommends for use with its instruments; Hewlett-Packard began recommending these sensors prior to Hewlett-Packard's introduction of its full family of reusable sensors.

OEM Companies

| OEM Companies | | | Recommended NPB Sensors | | | | | | | | | | | | | | | |
|---------------|----------------------|------------------|-------------------------|------|-----|-----|-----|-----|----------|-----|----|----|---------|-----------------|--------|------|-------------|-------------|
| Company | Instrument | Model | OXISENSOR® II | | | | | | OXICLIQ® | | | | | | | | OXIBAND® | |
| | | | D25 | D25L | D20 | I20 | N25 | R15 | A | P | N | I | DURA-Y® | DYSE EARCLIP | DS100A | RS10 | OXI- A/N | OXI- P/I |
| A&D Company | Blood Press Monitor | TM2740/41 | Yes | No | Yes | Yes | No | Yes | No | No | No | No | Yes | No | Yes | Yes | Yes | Yes |
| | w/Pulse Oximetry | TM2542/43 | Yes | No | Yes | Yes | No | Yes | No | No | No | No | Yes | No | Yes | No | Yes | Yes |
| Besc | Monitor | BIO-4 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| | Monitor | BIO-7 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| Corometrics | 556 Monitor | w/5569AAX module | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| | Maternal/Fetal Montr | 118 | Yes | Yes | No | No | No | No | No | No | No | No | No | No | No | No | No | No |
| | Infant Monitor | 510 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| | Infant Monitor | 511 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| Datascope | Passport | w/NPB module | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | Yes | No | No |
| Datex | M-NSAT | AS/3 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | No | Yes | Yes |
| Dräger Lübeck | OXISAT | II | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | Yes | Yes | Yes |
| | CICERO | EM | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | Yes | Yes | Yes |
| | PM | 8050 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | Yes | Yes | Yes |
| | CAPNOSAT | | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | Yes | Yes | Yes |

Nellcor Puritan Bennett Sensors for Non-Nellcor Instruments

7/10/98

OEM Companies (Cont)

| Company | | | Instrument | | | Model | | | Recommended NPB Sensors | | | | | | | | | | OXIBAND® | |
|----------------|--|-------------|---------------|------|-----|-------|-----|-----|-------------------------|-----|-----|-----|---------|-----------------|--------|----------|-------------|-------------|----------|--|
| | | | OXISENSOR® II | | | | | | OXICLIQ® | | | | | | | | | | | |
| | | | D25 | D25L | D20 | I20 | N25 | R15 | A | P | N | I | DURA-Y® | DYSE EARCLIP | DS100A | RS1 0 | OXI- A/N | OXI- P/I | | |
| Dyne Argentina | MCD-300 | 01 S7 | No | No | No | No | No | No | No | No | No | No | Yes | No | Yes | No | Yes | Yes | | |
| | MCD-300 | 02 S7 | No | No | No | No | No | No | No | No | No | No | Yes | No | Yes | No | Yes | Yes | | |
| | MCD-300 | 07 S7 | No | No | No | No | No | No | No | No | No | No | Yes | No | Yes | No | Yes | Yes | | |
| | MCD-300 | 09 S7 | No | No | No | No | No | No | No | No | No | No | Yes | No | Yes | No | Yes | Yes | | |
| Fukuda Denshi | DS-2000 | DS-2120 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes | | |
| | DS-3000 | HG-302 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes | | |
| Fukuda M-E | ECG | a-1200 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes | | |
| Ivy Biomedical | Monitor | 705 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | Yes | Yes | | |
| | Monitor | 706 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | Yes | Yes | | |
| | Monitor | 405A | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | Yes | Yes | | |
| | Monitor | 405D | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | Yes | Yes | | |
| JMI/Critikon | DINAMAP™ PLUS | 9700 Series | Yes | No | Yes | Yes | Yes | No | No | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | | |
| | Select | | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | | |
| MDI | Escort | 100& 100T | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | N/A* | Yes | Yes | Yes | Yes | | |
| | Escort | 300A | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | N/A* | Yes | Yes | Yes | Yes | | |
| | Escort II Multiparamtr 100 & 300 Module | 20001 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | N/A* | Yes | Yes | Yes | Yes | | |
| | Escort | Prism™ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | Yes | Yes | | |
| | Escort | Prism™-GL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | Yes | Yes | | |
| N. A. Drager | Harkomed | 3 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | No | No | | |
| | Harkomed | 4 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | No | No | | |
| | Vitalert | 1000 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | No | No | | |
| | Vitalert | 3000 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | No | No | | |
| Progesi SRL | Vitatele System | | No | No | No | No | No | No | No | No | No | No | No | No | Yes | No | No | No | | |
| Protocol | PROPAQ Encore | 202 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | | |
| | PROPAQ Encore | 204 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | | |
| | PROPAQ Encore | 206 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | | |
| | PROPAQ | 102 | Yes | Yes | Yes | No | No | Yes | No | No | No | No | Yes | No | Yes | Yes | No | No | | |
| | PROPAQ | 104 | Yes | Yes | Yes | No | No | Yes | No | No | No | No | Yes | No | Yes | Yes | No | No | | |
| | PROPAQ | 106 | Yes | Yes | Yes | No | No | Yes | No | No | No | No | Yes | No | Yes | Yes | No | No | | |
| Quintoa Instr. | Vital Statistics System | 000394 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | | |
| S&W / ARTEMA | DIASCOPE | NT | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | Yes | No | Yes | Yes | | |
| | SpO2 Mod - Athens | 9267 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | Yes | No | Yes | Yes | | |
| | Cardio-Aid | MC, MC+ | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | Yes | No | Yes | Yes | | |

Nellcor Puritan Bennett Sensors for Non-Nellcor Instruments

7/10/48

OEM Companies (Con't)

| Company | Instrument | Model | Recommended NPB Sensors | | | | | | | | | | | | | | | |
|----------------------|------------------------|-------|-------------------------|------|-----|-----|-----|-----|----------|-----|-----|-----|---------|-----------------|--------|------|-------------|-------------|
| | | | OXISENSOR® II | | | | | | OXICLIQ® | | | | | | | | OXIBAND® | |
| | | | D25 | D25L | D20 | I20 | N25 | R15 | A | P | N | I | DURA-Y® | DYSE EARCLIP | DS100A | RS10 | OXI- A/N | OXI- P/I |
| Synectics/ Medtronic | MicroSleep | | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | No | No | Yes | Yes |
| Vivisol S.r.L. | OXYTEL | M32 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Welch Allyn | Vital Signs Monitor | | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | No | No | Yes | Yes | Yes | Yes | Yes | Yes |
| Witt Biomedical | Series II, III, IV & V | | No | No | No | No | No | No | No | No | No | No | No | No | Yes | No | No | No |

Additional Licensee and OEM Companies

Please note that the above table does not include all of our Licensee Companies & OEM Companies. NPB has requested comparable information from our other Licensee & OEM Companies and we are in the process of collecting the information. As we receive information from additional companies, we will be updating the table and the updates will be available through NPB sales representatives or Technical Service. In the interim, please consult the list below which contains our current Licensee & OEM Companies who are not listed in the table. Please consult these companies for information concerning which sensor models they recommend for use with which instrument models.

Additional OEM Companies

Abbott Laboratories (Critical Care Div.)
Advanced Medical Devices
Advanced Medical Systems
Airshields Inc.
Ambrá S.C.R.L.
Atom Medical Corporation
Artema Monitoring
Basco CS Ltd.
Century Medical Inc.
CHI Trading Corporation
C.I.R.
Colin Corporation
Dima Italia s.a.s.
Dräger Best
Electrona SA
Hypoxia Medical Ltd./G.C.L.
Indigenous Systems
Kohken Medical Co., Ltd.

Kontron Instruments, Ltd.
Larsen & Toubro Limited
Marquette-Hellige GMBH
Medical Invest Svenska/Ortius
Mennen Medical Inc.
Metrex GMBH
Narcosul-Aparelhos
Nascor Pty. Ltd.
NEC Corporation
Neutec Company
Nihon Kohden Corporation
Nissei
Oridion formerly Spegas Industries
Oxford Instruments
Schiller AG
Technologia Electronica Brasileira Ltda.
Telefactor Corporation
Vital Instruments

Additional Licensee Companies

Invivo

Nellcor Puritan Bennett Sensors for Non-Nellcor Instruments

7/10/98

OEM Companies (Con't)

| Company | Instrument | Model | Recommended NPB Sensors | | | | | | | | | | | | | | | |
|----------------------|------------------------|-------|-------------------------|------|-----|-----|-----|-----|----------|-----|-----|-----|---------|-----------------|--------|------|-------------|-------------|
| | | | OXISENSOR® II | | | | | | OXICLIQ® | | | | | | | | OXIBAND® | |
| | | | D25 | D25L | D20 | I20 | N25 | R15 | A | P | N | I | DURA-Y® | DYSE EARCLIP | DS100A | RS10 | OXI- A/N | OXI- P/I |
| Synectics/ Medtronic | MicroSleep | | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | No | No | Yes | Yes |
| Vivisol S.r.L. | OXYTEL | M32 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| Welch Allyn | Vital Signs Monitor | | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | No | No | Yes | Yes | Yes | Yes | Yes | Yes |
| Witt Biomedical | Series II, III, IV & V | | No | No | No | No | No | No | No | No | No | No | No | No | Yes | No | No | No |

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Advanced Medical Systems
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Ambrá S.C.R.L.
Atom Medical Corporation
Artema Monitoring
Basco CS Ltd.
Century Medical Inc.
CHI Trading Corporation
C.I.R.
Colin Corporation
Dima Italia s.a.s.
Dräger Best
Electrona SA
Hypoxia Medical Ltd./G.C.L.
Indigenous Systems
Kohken Medical Co., Ltd.

Kontron Instruments, Ltd.
Larsen & Toubro Limited
Marquette-Hellige GMBH
Medical Invest Svenska/Ortivirus
Mennen Medical Inc.
Metrax GMBH
Narcosul-Aparelhos
Nascor Pty. Ltd.
NEC Corporation
Neutec Company
Nihon Kohden Corporation
Nissei
Oridion formerly Spegas Industries
Oxford Instruments
Schiller AG
Technologia Electronica Brasileira Ltda.
Telefactor Corporation
Vital Instruments

Additional Licensee Companies

Invivo

Nellcor Puritan Bennett Sensors for Non-Nellcor Instruments

7/10/98

OEM Companies (Cont)

| OEM Companies (Cont) | | | Recommended NPB Sensors | | | | | | | | | | | | | | | |
|----------------------|--|-------------|-------------------------|------|-----|-----|-----|-----|----------|-----|-----|-----|---------|-----------------|--------|----------|-------------|-------------|
| Company | Instrument | Model | OXISENSOR® II | | | | | | OXICLIQ® | | | | | | | | OXIBAND® | |
| | | | D25 | D25L | D20 | I20 | N25 | R15 | A | P | N | I | DURA-Y® | DYSE EARCLIP | DS100A | RS1 0 | OXI- A/N | OXI- P/I |
| | | | | | | | | | | | | | | | | | | |
| Dyne Argentina | MCD-300 | 01 S7 | No | No | No | No | No | No | No | No | No | No | Yes | No | Yes | No | Yes | Yes |
| | MCD-300 | 02 S7 | No | No | No | No | No | No | No | No | No | No | Yes | No | Yes | No | Yes | Yes |
| | MCD-300 | 07 S7 | No | No | No | No | No | No | No | No | No | No | Yes | No | Yes | No | Yes | Yes |
| | MCD-300 | 09 S7 | No | No | No | No | No | No | No | No | No | No | Yes | No | Yes | No | Yes | Yes |
| Fukuda Denshi | DS-2000 | DS-2120 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| | DS-3000 | HG-302 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| Fukuda M-E | ECG | a-1200 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| Ivy Biomedical | Monitor | 705 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | Yes | Yes |
| | Monitor | 706 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | Yes | Yes |
| | Monitor | 405A | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | Yes | Yes |
| | Monitor | 405D | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | Yes | Yes |
| JMI/Critikon | DINAMAP™ PLUS | 9700 Series | Yes | No | Yes | Yes | Yes | No | No | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes |
| | Select | | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes |
| MDJ | Escort | 100& 100T | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | N/A* | Yes | Yes | Yes | Yes |
| | Escort | 300A | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | N/A* | Yes | Yes | Yes | Yes |
| | Escort II Multiparamtr 100 & 300 Module | 20001 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | N/A* | Yes | Yes | Yes | Yes |
| | Escort | Prism™ | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | Yes | Yes |
| | Escort | Prism™-GL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | Yes | Yes |
| N. A. Drager | Narkomed | 3 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | No | No |
| | Narkomed | 4 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | No | No |
| | Vitalert | 1000 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | No | No |
| | Vitalert | 3000 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | No | No | No |
| Progesi SRL | Vitatele System | | No | No | No | No | No | No | No | No | No | No | No | No | Yes | No | No | No |
| Protocol | PROPAQ Encore | 202 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes |
| | PROPAQ Encore | 204 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | Yes | Yes |
| | PROPAQ Encore | 206 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | Yes | No | No |
| | PROPAQ | 102 | Yes | Yes | Yes | No | No | Yes | No | No | No | No | Yes | No | Yes | Yes | No | No |
| | PROPAQ | 104 | Yes | Yes | Yes | No | No | Yes | No | No | No | No | Yes | No | Yes | Yes | No | No |
| | PROPAQ | 106 | Yes | Yes | Yes | No | No | Yes | No | No | No | No | Yes | No | Yes | Yes | No | No |
| Quinton Instr. | Vital Statistics System | 000394 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes |
| S&W / ARTEMA | DIASCOPE | NT | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | Yes | No | Yes | Yes |
| | SpO ₂ Mod - Athena | 9267 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | Yes | No | Yes | Yes |
| | Cardio-Aid | MC, MC+ | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | Yes | No | Yes | No | Yes | Yes |

Nellcor Puritan Bennett Sensors for Non-Nellcor Instruments

7/10/98

Licensee Companies (Con't)

| Company | Instrument | Model | Recommended NPB Sensors | | | | | | | | | | | | | | | |
|-----------------|--|--------------------------|-------------------------|------|-----|-----|-----|-----|----------|-----|-----|-----|---------|-----------------|--------|------|-------------|-------------|
| | | | OXISENSOR® II | | | | | | OXICLIQ® | | | | | | | | OXIBAND® | |
| | | | D25 | D25L | D20 | I20 | N25 | R15 | A | P | N | I | DURA-Y® | DYSE EARCLIP | DS100A | RS10 | OXI- A/N | OXI- P/I |
| Hewlett-Packard | XM Series 50 Fetal Monitor | M1350B | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Viridia Telemetry Sys | M2500 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| Marquette | Eagle | 3000/4000 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | No | Yes | Yes |
| | Tram | 250,450,650 850,850SL | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | No | Yes | Yes |
| | Solar SpO2 | 7000/8000 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | Yes | No | Yes | Yes |
| Siemens | SaO ₂ /SpO ₂ Cartridge for Sirecust | 400, 900, 1200 | Yes | Yes | No | No | No | No | Yes | No | No | No | No | No | Yes | No | Yes | No |
| | MicrO ₂ | | Yes | Yes | No | No | No | No | Yes | No | No | No | Yes | No | Yes | Yes | Yes | No |
| | Sirecust | 732 | Yes | Yes | No | No | No | No | No | No | No | No | No | No | Yes | No | No | No |
| SpaceLabs | | 90351 | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | No | Yes | Yes |
| | | 90465/66/67 | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | No | Yes | Yes |
| | | 90489 | Yes | No | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | No | Yes | Yes |

* In general, Hewlett-Packard recommends their own reusable sensor line for those applications where a reusable sensor is desirable. The Oxiband sensors are the only NPB reusable sensors that Hewlett-Packard recommends for use with its instruments; Hewlett-Packard began recommending these sensors prior to Hewlett-Packard's introduction of its full family of reusable sensors.

OEM Companies

| Company | Instrument | Model | Recommended NPB Sensors | | | | | | | | | | | | | | | |
|---------------|----------------------|------------------|-------------------------|------|-----|-----|-----|-----|----------|-----|----|----|---------|-----------------|--------|------|-------------|-------------|
| | | | OXISENSOR® II | | | | | | OXICLIQ® | | | | | | | | OXIBAND® | |
| | | | D25 | D25L | D20 | I20 | N25 | R15 | A | P | N | I | DURA-Y® | DYSE EARCLIP | DS100A | RS10 | OXI- A/N | OXI- P/I |
| A&D Company | Blood Press Monitor | TM2740/41 | Yes | No | Yes | Yes | No | Yes | No | No | No | No | Yes | No | Yes | Yes | Yes | Yes |
| | w/Pulse Oximetry | TM2542/43 | Yes | No | Yes | Yes | No | Yes | No | No | No | No | Yes | No | Yes | No | Yes | Yes |
| Bese | Monitor | BIO-4 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| | Monitor | BIO-7 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| Corometrics | 556 Monitor | w/5569AAX module | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| | Maternal/Fetal Montr | 118 | Yes | Yes | No | No | No | No | No | No | No | No | No | No | No | No | No | No |
| | Infant Monitor | 510 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| | Infant Monitor | 511 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | Yes | Yes | Yes |
| Datascope | Passport | w/NPB module | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | Yes | No | No |
| Datex | M-NSAT | AS/3 | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No | No | Yes | No | Yes | No | Yes | Yes |
| Dräger Lübeck | OXISAT | II | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | Yes | Yes | Yes |
| | CICERO | EM | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | Yes | Yes | Yes |
| | PM | 8050 | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | Yes | Yes | Yes |
| | CAPNOSAT | | Yes | Yes | Yes | Yes | Yes | Yes | No | No | No | No | No | No | Yes | Yes | Yes | Yes |

Nelcor Puritan Bennett Sensors for Non-Nelcor Instruments

7/10/98

The following table indicates recommendations by oximetry instrument manufacturers as to which Nelcor Puritan Bennett ("NPB") oximetry sensors may be used with those manufacturers' instruments. These recommendations have been provided to NPB by the manufacturers of the instruments listed; NPB has collected this information for the use of NPB's employees and as a convenience for NPB's customers. The manufacturer of each instrument is responsible for determining whether that instrument is compatible with each NPB sensor model, and the manufacturer is also responsible for determining accuracy levels of its instruments when used with those sensors. A "Yes" indicates that NPB has received a written statement from the instrument manufacturer indicating that the manufacturer recommends that sensor for use with that instrument. A "No" indicates that the manufacturer has not provided NPB with a recommendation for use of that sensor with that instrument. This information is subject to change and the instrument manufacturer may have more current information. Please contact the instrument manufacturer for the latest information regarding compatibility for any sensor listed with a "No".

Two categories of manufacturers are listed:

A "Licensee Company" is a company that holds a license under certain NPB patents. This license permits the company to make oximeters that interface with NPB sensors. To facilitate this interface, NPB has provided these companies with certain information about its sensors and the signals transmitted by those sensors. The oximetry function in these companies' oximeters is designed and produced by the Licensee Companies (or by their suppliers).

An "OEM Company" is a company that purchases internal modules that are designed and produced by NPB to calculate oxygen saturation. The OEM Company incorporates the modules into finished medical instruments that are designed and produced by the OEM Company. The OEM Company is responsible for assuring that the medical instruments properly use the modules so that the oximetry portions of the instruments operate properly.

Please Note: This information was the most recent information received from the OEM and Licensee Companies through the date of this chart. This information is subject to change and the OEM or Licensee Companies may have more current information. Before employing any of these instrument-sensor combinations in clinical use, the user should confirm this information with the OEM or Licensee Company who manufactures the instrument.

Licensee Companies

| Company | Instrument | Model | Recommended NPB Sensors | | | | | | | | | | | | | | | |
|-----------------|---|-------------------------------|-------------------------|------|-----|-----|-----|-----|----------|-----|-----|-----|---------|-----|-----------------|--------|------|----------|
| | | | OXISENSOR® II | | | | | | OXICLIQ® | | | | DURA-Y® | | DYSE EARCLIP | DS100A | RS10 | OXIBAND® |
| | | | D25 | D25L | D20 | I20 | N25 | R15 | A | P | N | I | | | | | | |
| Hewlett-Packard | Component Monitoring System | (Merlin) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Compact Configurable Monitor for Neonatal | 78834C (Mickie) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Compact Configurable Monitor | 78352C (MiniShot) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Compact Configurable Monitor | 78354C (Miracle) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | CodeMaster XL Series | M1722x | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | CodeMaster XL Series | M1723x | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | CodeMaster 100 | M2475B | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Omnicare Component Monitoring System | N1175A/ M1176A (M1020A) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |
| | Omnicare Model 24 | M1205A (M1020A) | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | Yes | No* | No* | No* | No* | Yes | Yes |