



University of Iowa Health Care

Presentation to

The Board of Regents, State of Iowa

March 11, 2015

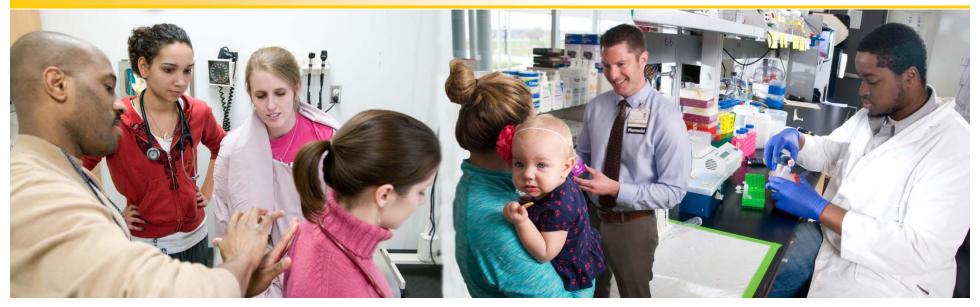
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Agenda



- Opening Remarks (Robillard)
- Operating and Financial Performance (Kates, Fisher)
- Faculty Presentation: Outcomes at UI Children's Hospital NICU and New National Standards for Prenatal Care (Drs. Jonathan Klein and Kimberly Leslie)

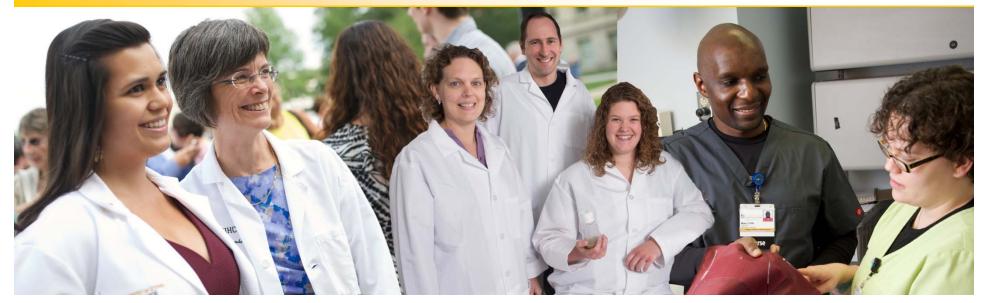




Opening Remarks

Jean Robillard, MD Vice President for Medical Affairs





Operating and Financial Performance

Ken Kates, Associate Vice President & Chief Executive Officer, UI Hospitals & Clinics

Ken Fisher, Associate Vice President for Finance and Chief Financial Officer, UI Hospitals & Clinics

Volume Indicators

Fiscal Year to Date January 2015



Operating Review (YTD)	Actual	Budget	Prior Year *	Variance to Budget	% Variance to Budget	Variance to Prior Year	% Variance to Prior Year
Discharges	18,871	18,707	18,275	164	0.9% (596	3.3%
Patient Days	119,714	116,075	115,836	3,639	3.1% 🔵	3,878	3.3%
Length of Stay	6.29	6.21	6.35	0.08	1.3% ((0.06)	-0.9%
Average Daily Census	556.81	539.88	538.77	16.93	3.1%	18.04	3.3%
Total Surgeries	17,163	17,850	17,248	(687)	-3.8%	(85)	-0.5%
- Inpatient	6,904	7,141	6,913	(237)	-3.3%	(9)	-0.1%
- Outpatient	10,259	10,709	10,335	(450)	-4.2%	(76)	-0.7%
ED Visits	33,436	32,161	34,795	1,275	4.0%	(1,359)	-3.9%
Total Clinic Visits	476,637	485,065	466,935	(8,428)	-1.7% 🔘	9,702	2.1%

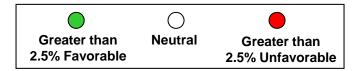




Discharges by TypeFiscal Year to Date January 2015



Operating Review (YTD)	Actual	Budget	Prior Year	Variance to Budget	% Variance to Budget	Variance to Prior Year	% Variance to Prior Year
Adult Medical	5,323	5,749	5,633	(426)	-7.4%	(310)	-5.5%
Adult Surgical	9,650	9,417	9,177	233	2.5%	473	5.2%
Adult Psych	807	848	832	(41)	-4.8%	(25)	-3.0%
Subtotal – Adult	15,780	16,014	15,642	(234)	-1.5% 🔾	138	0.9%
Pediatric Medical & Surgical	2,211	1,877	1,832	334	17.8%	379	20.7%
Pediatric Critical Care	497	481	472	16	3.3%	25	5.3%
Pediatric Psych	383	336	329	47	14.0%	54	16.4%
Subtotal – Pediatrics w/o newborn	3,091	2,694	2,633	397	14.7%	458	17.4%
Newborn	913	930	872	(17)	-1.8%	41	4.7%
TOTAL w/o Newborn	18,871	18,707	18,275	164	0.9%	596	3.3%

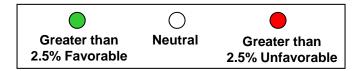


Discharge Days by Type

Fiscal Year to Date January 2015



Operating Review (YTD)	Actual	Budget	Prior Year	Variance to Budget	% Variance to Budget	Variance to Prior Year	% Variance to Prior Year
Adult Medical	29,152	30,784	30,671	(1,632)	-5.3%	(1,519)	-5.0%
Adult Surgical	50,475	47,175	47,117	3,300	7.0%	3,358	7.1%
Adult Psych	12,530	12,302	12,281	228	1.9% 🔾	249	2.0%
Subtotal – Adult	92,157	90,261	90,069	1,896	2.1% 🔾	2,088	2.3%
Pediatric Medical & Surgical	10,510	10,114	10,099	396	3.9%	411	4.1%
Pediatric Critical Care	13,054	12,841	12,810	213	1.7% 🔾	244	1.9%
Pediatric Psych	2,938	3,044	3,033	(106)	-3.5%	(95)	-3.1%
Subtotal – Pediatrics w/o newborn	26,502	25,999	25,942	503	1.9% 🔾	560	2.2%
Newborn	2,040	2,005	1,931	35	1.8% 🔾	109	5.6%
TOTAL w/o Newborn	118,659	116,260	116,011	2,399	2.1% 🔾	2,648	2.3%

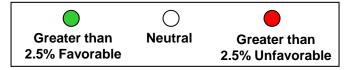


Average Length of Stay by Type



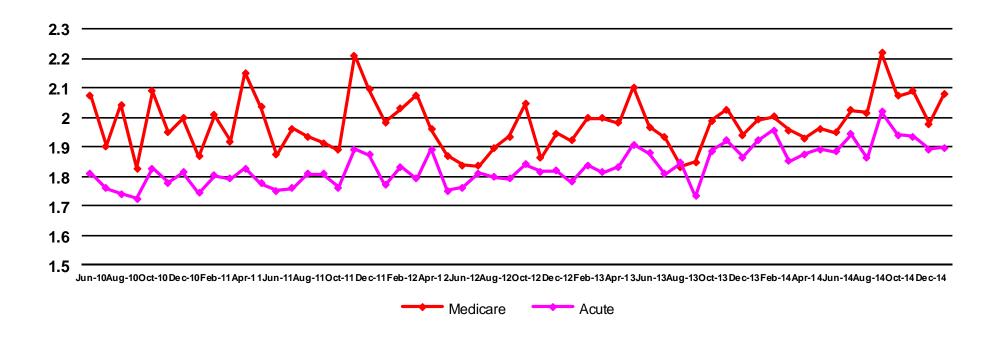


Operating Review (YTD)	Actual	Budget	Prior Year	Variance to Budget	% Variance to Budget	Variance to Prior Year	% Variance to Prior Year
Adult Medical	5.48	5.35	5.44	0.13	2.4% 🔘	0.04	0.7% 🔘
Adult Surgical	5.23	5.01	5.13	0.22	4.4%	0.10	1.9% 🔘
Adult Psych	15.53	14.51	14.76	1.02	7.0%	0.77	5.2%
Subtotal – Adult	5.84	5.64	5.76	0.20	3.6%	0.08	1.4%
Pediatric Medical & Surgical	4.75	5.39	5.51	(0.64)	-11.9% 🔵	(0.76)	-13.8%
Pediatric Critical Care	26.27	26.70	27.14	(0.43)	-1.6% 🔘	(0.87)	-3.2%
Pediatric Psych	7.67	9.06	9.22	(1.39)	-15.3%	(1.55)	-16.8%
Subtotal – Pediatrics w/o newborn	8.57	9.65	9.85	(1.08)	-11.2%	(1.28)	-13.0%
Newborn	2.23	2.16	2.21	0.07	3.2%	0.02	0.9% 🔘
TOTAL w/o Newborn	6.29	6.21	6.35	0.08	1.3% 🔾	(0.06)	-1.0%



Case Mix Index





Inpatient Surgeries – by Clinical Department

Fiscal Year to Date January 2015



Operating Review (YTD)	Actual	Budget	Prior Year	Variance to Budget	% Variance to Budget	Variance to Prior Year	% Variance to Prior Year
Cardiothoracic	601	624	611	(23)	-3.7%	(10)	-1.6% 🔘
Dentistry	147	115	106	32	27.8% (41	38.7%
General Surgery	1,913	2,073	2,043	(160)	-7.7%	(130)	-6.4%
Gynecology	466	405	383	61	15.1% (83	21.7%
Neurosurgery	1,054	1,071	1,031	(17)	-1.6% (23	2.2% 🔘
Ophthalmology	66	73	69	(7)	-9.6%	(3)	-4.3%
Orthopedics	1,705	1,801	1,728	(96)	-5.3%	(23)	-1.3% 🔘
Otolaryngology	420	404	377	16	4.0% (43	11.4%
Radiology – Interventional	61	55	50	6	10.9% (11	22.0%
Urology w/ Procedure Ste.	471	519	515	(48)	-9.2%	(44)	-8.5%
Total	6,904	7,141	6,913	(237)	-3.3%	(9)	-0.1% 🔘
Solid Organ Transplants	169	205	163	(36)	-17.6%	6	3.7%



Outpatient Surgeries – by Clinical Department

Fiscal Year to Date January 2015



Operating Review (YTD)	Actual	Budget	Prior Year	Variance to Budget	% Variance Budget		Variance to Prior Year	% Variance to Prior Year
Cardiothoracic	35	42	41	(7)	-16.7%		(6)	-14.6%
Dentistry	333	402	364	(69)	-17.2%		(31)	-8.5%
Dermatology	19	22	25	(3)	-13.6%		(6)	-24.0%
General Surgery	1,617	1,680	1,637	(63)	-3.8%		(20)	-1.2% 🔘
Gynecology	474	486	473	(12)	-2.5%	\bigcirc	1	0.2% 🔘
Internal Medicine	2	4	4	(2)	-50.0%		(2)	-50.0%
Neurosurgery	547	440	403	107	24.3%		144	35.7%
Ophthalmology	2,149	2,293	2,250	(144)	-6.3%		(101)	-4.5%
Orthopedics	2,487	2,538	2,486	(51)	-2.0%	0	1	0.0% 🔘
Otolaryngology	1,407	1,483	1,415	(76)	-5.1%		(8)	-0.6% 🔘
Pediatrics	1	1	1	0	0.0%	0	0	0.0% (
Radiology – Interventional	40	14	17	26	183.4%		23	135.3% 🔵
Urology w/ Procedure Ste.	1,148	1,306	1,219	(158)	-12.1%		(71)	-5.8%
Total	10,259	10,709	10,335	(450)	-4.2%		(76)	-0.7% 🔘

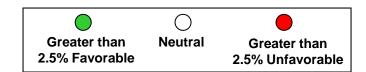
Greater than Greater than Neutral 2.5% Favorable 2.5% Unfavorable

Emergency Department

Fiscal Year to Date January 2015



Operating Review (YTD)	Actual	Budget	Prior Year	Variance to Budget	% Variance to Budget	Variance to Prior Year	% Variance to Prior Year
ED Visits	33,436	32,161	34,795	1,275	4.0%	(1,359)	-3.9%
ED Admits	9,930	9,854	10,649	76	0.8% 🔾	(719)	-6.8%
ED Conversion Factor	29.7%	30.6%	30.6%		-2.9%		-2.9%
ED Admits / Total Admits	52.6%	52.8%	58.3%		-0.4% 🔾		-9.8%



Clinic Visits by Specialty

Fiscal Year to Date January 2015



Operating Review (YTD)	Actual	Budget	Variance to Budget	% Variance to Budget
Burn Clinic	1,828	2,023	(195)	-9.6%
Center for Disabilities & Development	5,184	5,735	(551)	-9.6%
Center for Digestive Disease	11,382	11,265	117	1.0%
Clinical Cancer Center	28,142	31,623	(3,481)	-11.0%
Dermatology	13,502	13,855	(353)	-2.5%
General Surgery	9,538	10,120	(582)	-5.8%
Hospital Dentistry	9,072	9,670	(598)	-6.2%
Internal Medicine	17,502	18,831	(1,329)	-7.1%
Neurology	8,495	7,462	1,033	13.8%
Neurosurgery	6,837	5,441	1,396	25.7%
Obstetrics/Gynecology	30,958	29,074	1,884	6.5%
Ophthalmology	36,634	39,077	(2,443)	-6.3%
Orthopedics	41,520	44,176	(2,656)	-6.0%
Otolaryngology	11,512	11,217	295	2.6%
Pediatrics	33,542	34,211	(669)	-2.0%
Primary Care (non-IRL)	103,689	99,595	4,094	4.1%
Psychiatry	19,978	21,049	(1,071)	-5.1%
Urology	8,246	8,819	(573)	-6.5%
UI Heart Center	10,240	10,564	(324)	-3.1%
IRL	68,836	71,258	(2,422)	-3.4%
Total	476,637	485,065	(8,428)	-1.7%

Greater than 2.5% Favorable

O Neutral

Greater than 2.5% Unfavorable

Clinic Visits by Location

Fiscal Year to Date January 2015

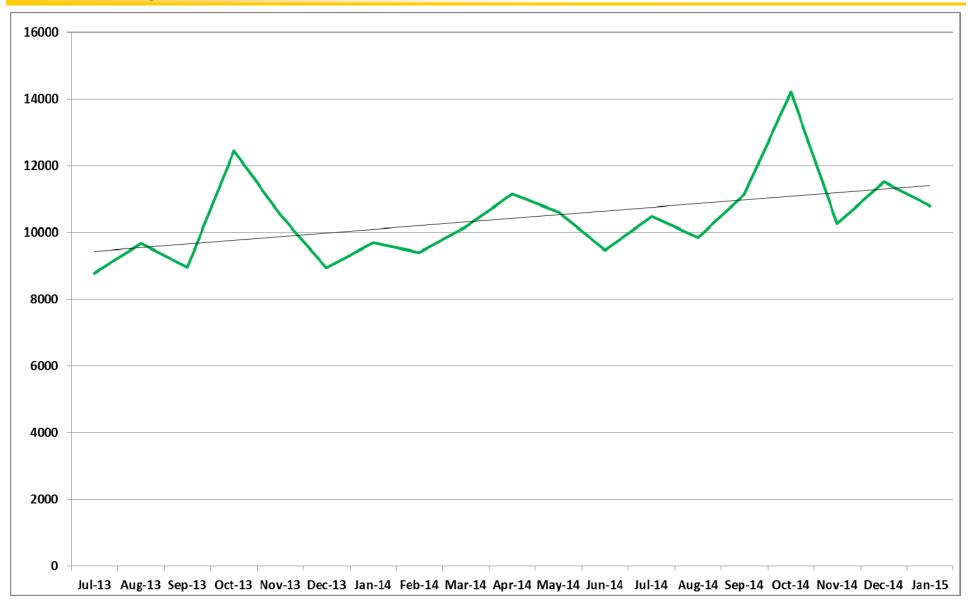


FY15 Actual	FY14 Actual *
UICMS &	UICMS &

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Operating Review (YTD)	On-Site	IRL	QuickCare	Total	On-Site	IRL	QuickCare	Total	Prior Year	
Family Medicine	29,523		74,166	103,689	31,893		68,844	100,737	2,952	2.9%
General Internal Medicine		14,841		14,841		14,656		14,656	185	1.3%
Pediatrics		14,266		14,266		13,292		13,292	974	7.3%
Subtotal - Primary Care	29,523	29,107	74,166	132,796	31,893	27,948	68,844	128,685	4,111	3.2%
Burn Clinic	1,828			1,828	1,798			1,798	30	1.7%
Center for Disabilities & Development	5,184			5,184	5,190			5,190	(6)	-0.1%
Center for Digestive Disease	11,382	2,066		13,448	11,625	2,255		13,880	(432)	-3.1%
Clinical Cancer Center	28,142			28,142	32,126			32,126	(3,984)	-12.4%
Dermatology	13,502	5,245		18,747	12,760	3,358		16,118	2,629	16.3%
General Surgery	9,538			9,538	9,078			9,078	460	5.1%
Hospital Dentistry	9,072			9,072	9,576			9,576	(504)	-5.3%
Internal Medicine	17,502	3,708		21,210	20,696	1,937		22,633	(1,423)	-6.3%
Neurology	8,495			8,495	7,706			7,706	789	10.2%
Neurosurgery	6,837			6,837	6,758			6,758	79	1.2%
Obstetrics/Gynecology	30,958	13,826		44,784	28,978	11,880		40,858	3,926	9.6%
Ophthalmology	36,634	4,763		41,397	37,276	4,209		41,485	(88)	-0.2%
Orthopedics	41,520	161		41,681	42,505			42,505	(824)	-1.9%(
Otolaryngology	11,512	2,666		14,178	11,555	2,879		14,434	(256)	-1.8%
Pediatrics	33,542			33,542	31,025			31,025	2,517	8.1%
Psychiatry	19,978			19,978	18,960			18,960	1,018	5.4%
Urology	8,246	3,248		11,494	8,109	3,514		11,623	-129	-1.1%
UI Heart Center	10,240	4,046		14,286	9,419	3,078		12,497	1,789	14.3%
Subtotal – Specialty Care	304,112	39,729		343,841	305,140	33,110		338,250	5,591	1.7%
Total	333,635	68,836	74,166	476,637	337,033	61,058	68,844	466,935	9,702	2.1%

Iowa River Landing Ambulatory Patient Encounters*



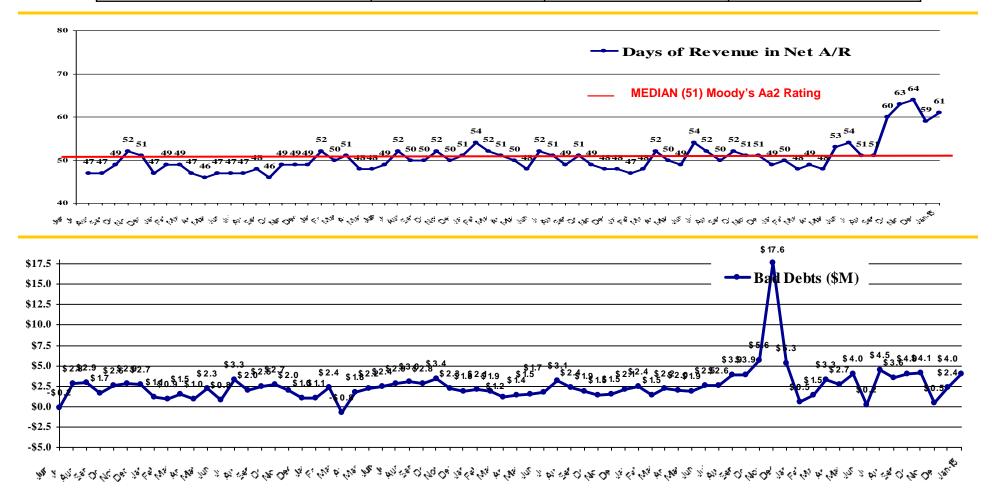


^{*}Includes standard clinic visits and procedures

Comparative Accounts Receivableat January 31, 2015



	June 30, 2013	June 30, 2014	January 31, 2015
Net Accounts Receivable	\$161,942,694	\$176,695,824	\$208,897,673
Net Days in AR	54	54	61



UIHC Comparative Financial Results



Dollars in Thousands



NET REVENUES:	Actual	Budget	Prior Year	Variance to Budget	% Variance to Budget	Variance to Prior Year	% Variance to Prior Year
Patient Revenue	\$101,022	\$98,121	\$93,493	\$2,901	3.0%	\$7,529	8.1%
Other Operating Revenue	4,211	4,421	3,928	(210)	-4.8%	283	7.2%
Total Revenue	\$105,234	\$102,542	\$97,421	\$2,692	2.6%	\$7,813	8.0%
EXPENSES:							
Salaries and Wages	\$51,761	\$50,665	\$49,159	\$1,096	2.2%	\$2,602	5.3%
General Expenses	42,238	42,395	40,688	(157)	-0.4%	1,550	3.8%
Operating Expense before Capital	\$93,999	\$93,061	\$89,847	\$938	1.0%	\$4,152	4.6%
Cash Flow Operating Margin	\$11,235	\$9,481	\$7,574	\$1,754	18.5%	\$3,661	48.3%
Capital- Depreciation and Amortization	6,075	6,720	6,021	(645)	-9.6%	54	0.9%
Total Operating Expense	\$100,074	\$99,780	\$95,868	\$294	0.3%	\$4,206	4.4%
Operating Income	\$5,160	\$2,762	\$1,553	\$2,398	86.8%	\$3,607	232.3%
Operating Margin %	4.9%	2.7%	1.6%		2.2%		3.3%
Gain (Loss) on Investments	6,110	2,110	7,278	4,000	189.5%	(1,168)	-16.1%
Other Non-Operating	(1,115)	(740)	(1,436)	(375)	-50.7%	321	22.3%
Net Income	\$10,155	\$4,132	\$7,395	\$6,023	145.8%	\$2,760	37.3%
Net Margin %	9.2%	4.0%	7.2%		5.2%		2.0%

^{*} Gain/(Loss) on Investments based on information available at close. Final investment return for this period is reflected in Fiscal Year to Date returns in the subsequent reporting cycle.

UIHC Comparative Financial Results



Fiscal Year to Date January 2015

Dollars in Thousands

NET REVENUES:	Actual	Budget	Prior Year	Variance to Budget	% Variance to Budget	Variance to Prior Year	% Variance to Prior Year
Patient Revenue	\$714,327	\$692,947	\$655,272	\$21,380	3.1%	\$59,055	9.0%
Other Operating Revenue	30,561	30,699	28,803	(138)	-0.4%	1,758	6.1%
Total Revenue	\$744,888	\$723,647	\$684,075	\$21,241	2.9%	\$60,813	8.9%
EXPENSES:							
Salaries and Wages	\$350,440	\$353,870	\$337,676	(\$3,430)	-1.0%	\$12,764	3.8%
General Expenses	307,796	305,025	283,766	2,771	0.9%	24,030	8.5%
Operating Expense before Capital	\$658,236	\$658,895	\$621,442	(\$659)	-0.1%	\$36,794	5.9%
Cash Flow Operating Margin	\$86,652	\$64,752	\$62,633	\$21,900	33.8%	\$24,019	38.3%
Capital- Depreciation and Amortization	43,393	47,038	43,106	(3,645)	-7.7%	287	0.7%
Total Operating Expense	\$701,629	\$705,932	\$664,548	(\$4,303)	-0.6%	\$37,081	5.6%
Operating Income	\$43,259	\$17,714	\$19,527	\$25,545	144.2%	\$23,732	121.5%
Operating Margin %	5.8%	2.4%	2.9%		3.4%		2.9%
Gain on Investments	7,673	14,779	24,094	(7,106)	-48.1%	(16,421)	-68.2%
Other Non-Operating	(4,519)	(5,179)	(7,421)	660	12.7%	2,902	39.1%
Net Income	\$46,414	\$27,315	\$36,200	\$19,099	69.9%	\$10,214	28.2%
Net Margin %	6.2%	3.7%	5.2%		2.5%		1.0%

^{*} Gain/(Loss) on Investments based on information available at close. Final investment return for this period is reflected in Fiscal Year to Date returns in the subsequent reporting cycle.

Today's Faculty Presenters



Jonathan M. Klein, MD

Prof. of Pediatrics, Stead Family Department of Pediatrics Medical Director Neonatal Intensive Care Unit University of Iowa Children's Hospital

- MD, Medical College of Virginia
- Residency, Pediatrics, Children's Medical Center of Dallas, University of Texas SW Medical Center
- Fellowship, Neonatology, Tufts University



Kimberly K. Leslie, MD

Chair & DEO, Obstetrics and Gynecology Prof. of Obstetrics & Gynecology - Maternal/Fetal Medicine

- MD, Southwestern Medical School, University of Texas, Dallas, TX
- **Residencies**, Ob-Gyn, Parkland Memorial Hospital, Dallas, TX, and Georgetown University Affiliated Hospitals, Washington, D.C.
- Fellowship, Maternal-Fetal Medicine, Georgetown University, Washington, D.C.







Faculty Presentation: Outcomes at UI Children's Hospital NICU and New National Standards for Prenatal Care

Jonathan Klein, MD
Professor, Stead Family Department of Pediatrics
Medical Director, Neonatal Intensive Care Unit

Kimberly Leslie, MD
Chair & DEO, Department of Obstetrics and Gynecology

Outstanding Outcomes





Preterm
Premature
Rupture of
Membranes
(pPROM) at 18
weeks, 13 weeks
of anhydramnios,
"lethal" pulmonary
hypoplasia

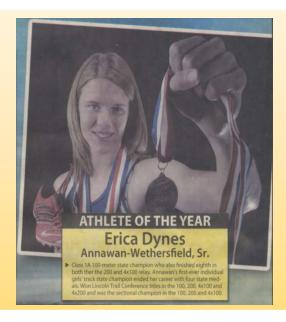










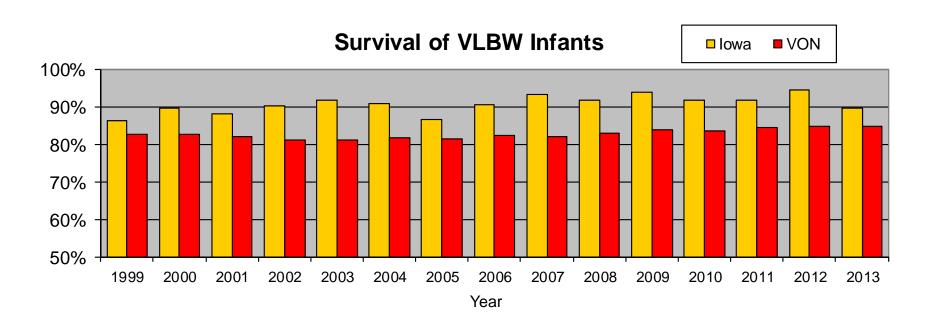


- 100-meter, HS State Champion, IL Class 1A
- Wartburg College, Majoring in Business Administration and Writing
 - Anchored 4x100-m relay, 3rd in the Nation in 2014, Division 3

Permission given for the use of all photographs.

Survival of All Very Low Birth Weight Infants ≤ 1500 grams (3 lbs, 5 oz) NICU Type C

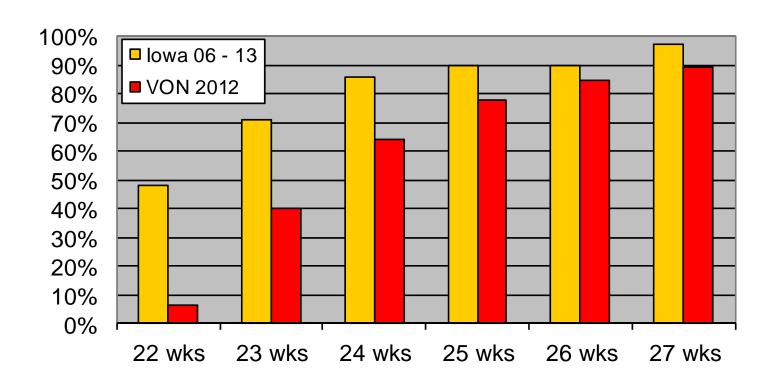




VON = Vermont Oxford Network, a nonprofit organization whose mission is to improve the quality and safety of medical care for newborn infants and their families through a coordinated program of research, education, and quality improvement projects. VON examines outcomes on over 60,000 infants a year with over 1,000 centers worldwide.

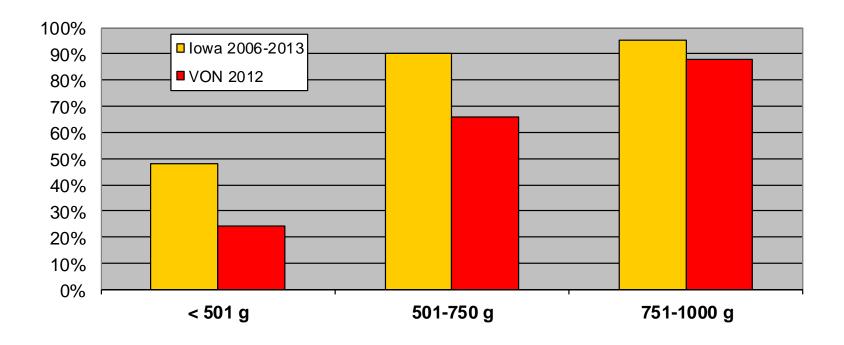
Survival of Inborn Very Low Birth Weight Infants 22 - 27 weeks EGA, 2006 - 2013





Survival of Inborn VLBW Infants ≤ 1000 grams Birth Weight Categories 2006-2013

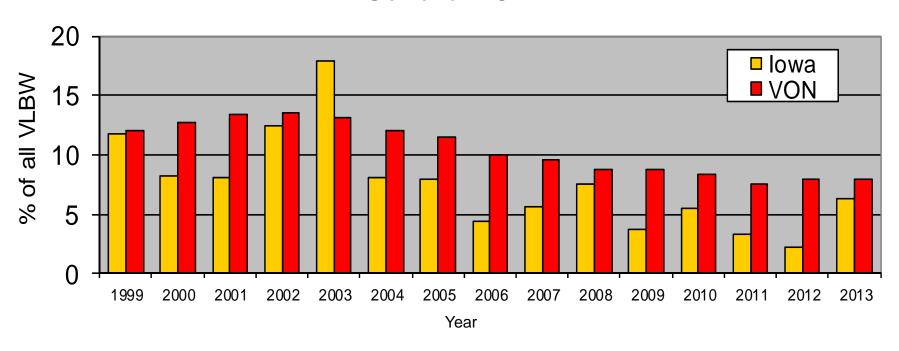




1 pound = 454 grams

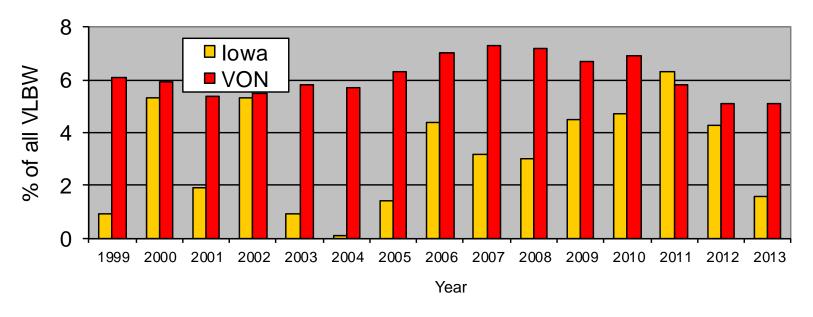


Severe ROP



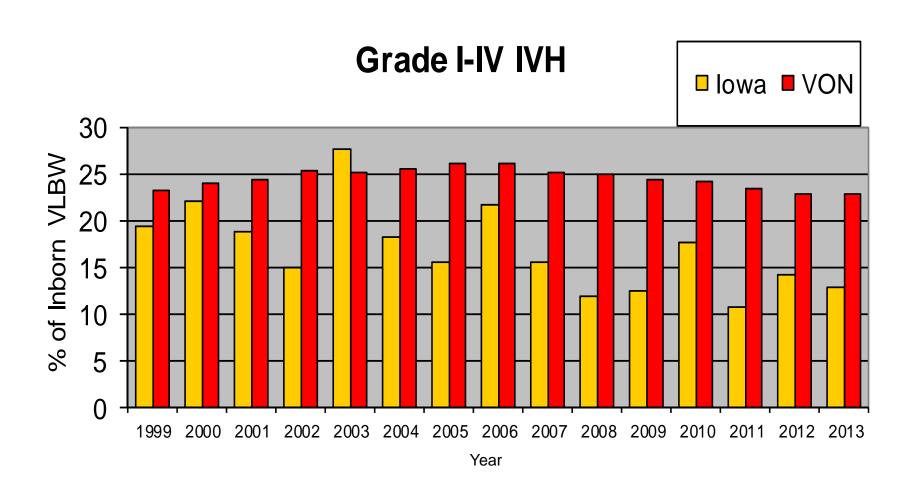


Necrotizing Enterocolitis



Intraventricular Hemorrhage (IVH): Inborn VLBW Infants

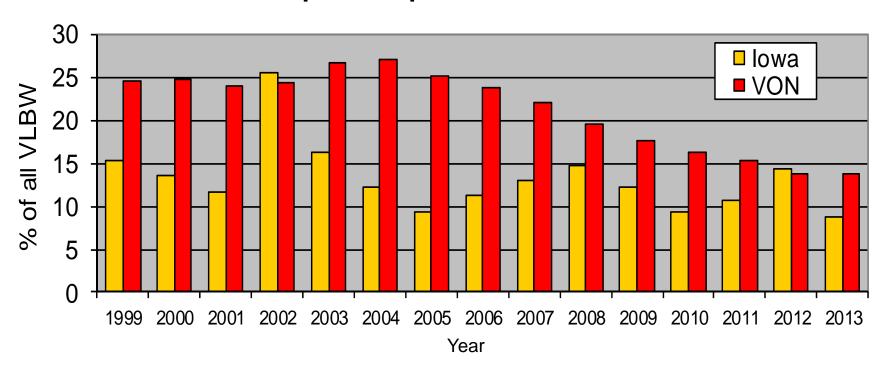




Hospital Acquired Bacterial Infections – All VLBW Infants

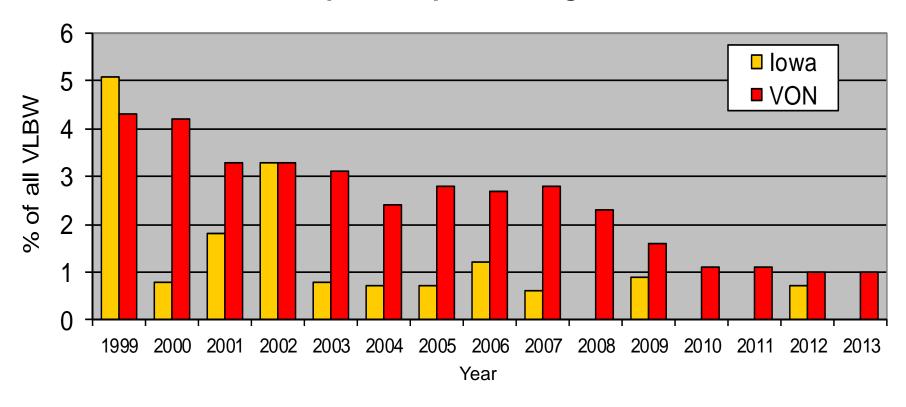


Hospital Acquired Bacterial Infection





Hospital Acquired Fungal Infection



Great NICU Outcomes Start with Outstanding Prenatal Care



The UI model: Obstetricians working hand in hand with neonatologists

Inborn neonates do significantly better as a result of this partnership

The American College of Obstetrics and Gynecology (ACOG) recently proposed that every hospital be ranked for level of maternity care from I-IV (ACOG Consensus Statement 2/2015).

The goal is for high risk pregnant women to receive care in facilities that provide the required level of specialized care, thereby reducing maternal morbidity and mortality and optimizing newborn outcomes.



ACOG Defines Levels of Care for Maternity Patients



- <u>Level I (Basic Care, Birth Center)</u>: Care of uncomplicated pregnancies by practitioners able to recognize complications, initiate treatment and transfer those patients to a higher level facility.
- <u>Level II (Specialty Care)</u>: Care of uncomplicated as well as some complicated patients; need imaging and other equipment on site.
- <u>Level III (Subspecialty Care)</u>: Care of more complicated patients with ob/gyn and anesthesia physicians on site at all times.
- Level IV (Regional Perinatal Health Care Center): Medical and surgical care of the most complex maternal conditions with onsite availability of Maternal-Fetal Medicine physicians, Anesthesiologists, Neonatologists, Surgeons and ICU physicians

Questions





22 1/7 weeks Gestation



22 3/7 weeks Gestation