



Biannual Update -November 2020-

This has been a challenging year due to the pandemic. The Cambodian government put travel restrictions in place for its citizens in March. While these restrictions have been eased, citizens are still traveling less and sheltering at home more. Due to these effective public health measure, Chenla's outpatient and outreach clinics dropped significantly in volume.



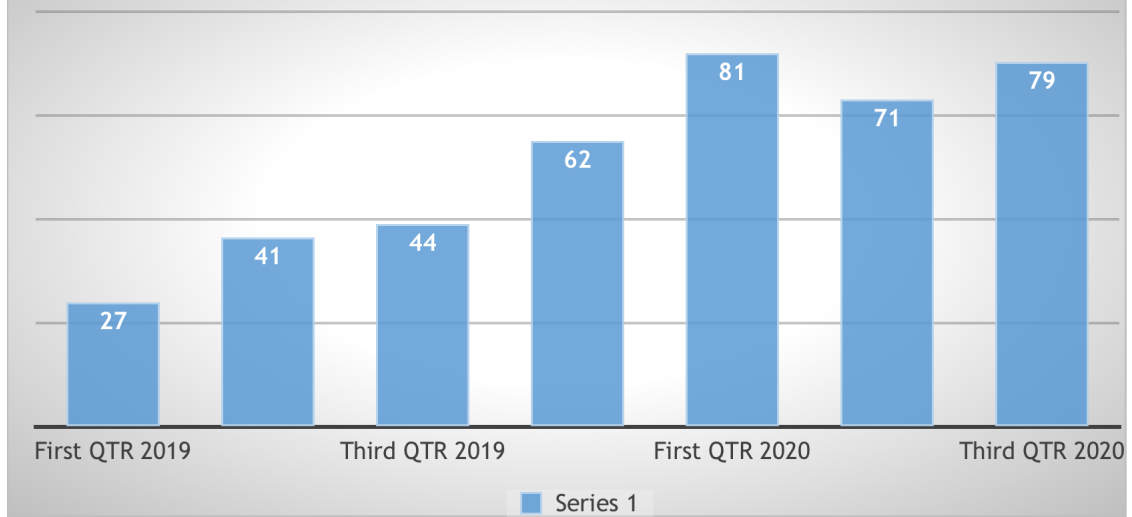
However, our neonatal ICU and pediatric ICU have seen 78% and 100% increases in volume this year. This is due to increased demand and trust in Chenla, and made possible by increased donor support (thank you!) for these areas of care. We expect this increase in demand for ICU beds to continue and we hope to further expand in order to meet our community's changing needs.

One more very important change that the pandemic has brought to Chenla is that **we now care for all HIV positive children in the region.** Before the pandemic, these children were cared for in a "vertical" specialized program run by the ministry of health. However, at Chenla we began to see some HIV patients come to us ill and not doing well. Therefore, we decided to act and politely discuss with the provincial health director whether we at Chenla could assume these patient's care. It appears that stresses to the system caused by the pandemic were causing poorer outcomes. We now see these patients (in conjunction with the vertical program healthcare workers) at Chenla. Those whose HIV has not been well controlled we see on a weekly basis. We see the other HIV patients on a monthly or bi-monthly basis. We ensure that all HIV positive patients are receiving proper monitoring of their CD4 counts and viral loads. We also work with all patients on compliance with their medication regimens. When a patient's viral load climbs despite being compliant on a first line of therapy, we ensure that second line therapy through the government system is given. We are very encouraged and believe that our engagement with these patients will result in much improved health and longevity for them while not adding to Chenla's cost burden.

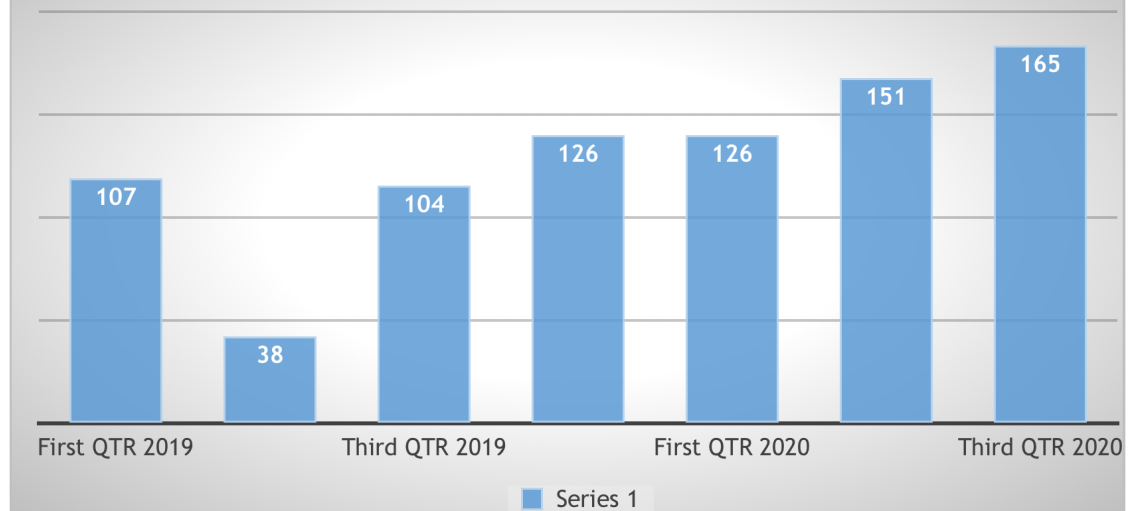
With much gratitude,

Bill, Lori, and the Chenla Team

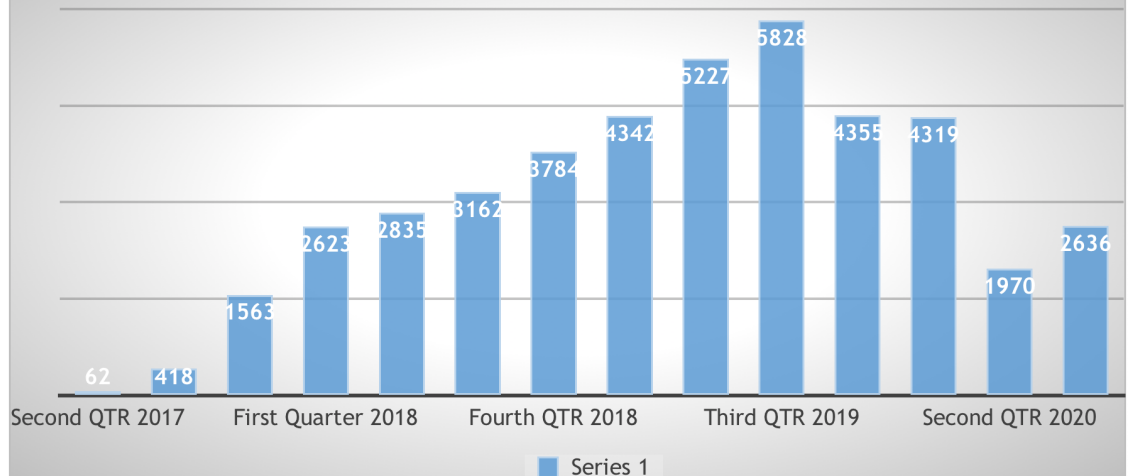
Chenla ICU Admissions



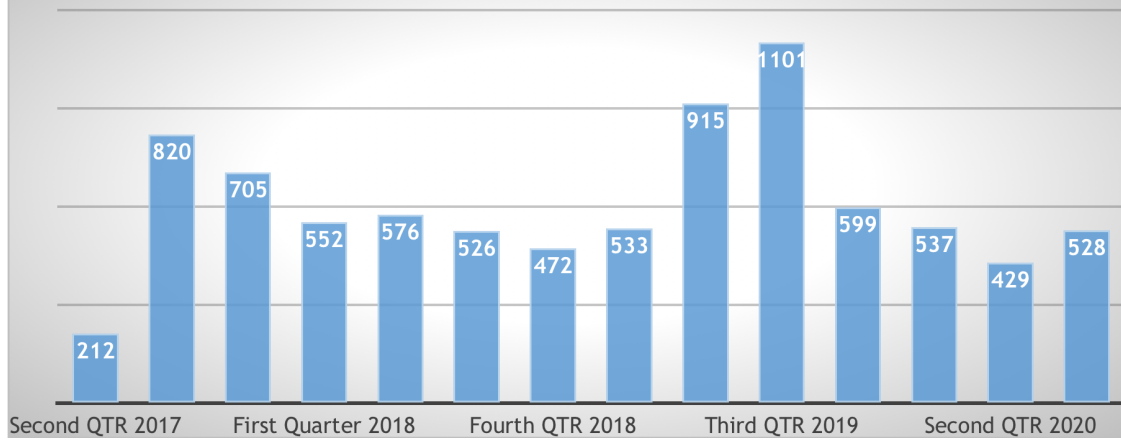
Chenla Neonatal ICU Admissions



Out Patient Department at Chenla



General Ward Admissions to Chenla



Case Story

Baby Sorphea (Baby Wisdom)



Sorphea was born at Kratie Referral Hospital in August. Immediately after birth she developed respiratory distress. The Chenla team was paged to the delivery ward where they quickly performed neonatal resuscitation and stabilized her.

After being brought to the Chenla neonatal unit and being placed on Continuous Positive Airway Pressure

for 24 hours, Sorphea's condition worsened. Normally, in this part of Cambodia, Sorphea would have died. However, because of donor/partner support, Chenla has a higher level of care available and Sorphea was placed on life support including ventilator care. The battle was on.

Sorphea stayed at Chenla for 53 days and was placed on and off of life support care during that time. Eventually, by following neonatal protocols including nutrition protocols, the Chenla team helped Sorphea fully recover. On October 20th, Sorphea went home healthy and strong.

It is always coordinated teamwork that helps get a patient like Sorphea through. Housekeeping plays a particularly important role in keeping the clinical care area clean and safe. Maintenance keeps the ventilators and CPAP machines working well. Nursing ensures that neonatal protocols are followed and the physician team coordinates the complicated clinical care required each day. Hard working but happy, the Chenla team is very thankful to now be able to fully help patients like Sorphea.

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List of Emergency Room, Neonatal ICU and Pediatric ICU Diagnoses from September 2020

Dengue Hemorrhagic Fever (DHF)

Septic shock

Severe prematurity

Hyaline membrane diseases

Meningitis

Pneumonia

Congenital heart diseases

Subdural hemorrhage secondary to trauma

Severe Metabolic Acidosis

Apnea of Premature

Neonatal tetanus

Hypoxic Ischemic Encephalopathy

Birth Asphyxia

Dead on arrival (undetermined cause)

Tetanus

Sub-arachnoid hemorrhage

Abdominal bleeding (prematurity)

Rabies

Leukemia

Meconium Aspiration

Pierre Robin Syndrome

Extrapyramidal Syndrome

Finances

Funds in Bank January 1 st 2020	\$250,008
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Donor Funds Received January 1 st – October 28th 2020	\$531,807
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Capital Expenses Paid During 10 Month Period	\$608
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Running Costs Paid During 10 Month Period	\$508,594
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401K Contribution and Stipends Paid to Drs Bill and Lori (donor specified) During 10 month period.*	\$33,000
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Total Expenses During 10 Month Period	\$542,202
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Accounts Payable October 28th 2020*	\$4,478
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Average Monthly Running Costs During 10 Month Period	\$54,220
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Prior Report's Average Monthly Running Costs (Jan to Aug 20)	\$56,396
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Prior Year's Average Monthly Running Costs	\$53,583
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Variance in Monthly Running Costs from Prior Year	\$636
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Donor Funds From Prior Commitments Set to be Received Soon	\$9,000
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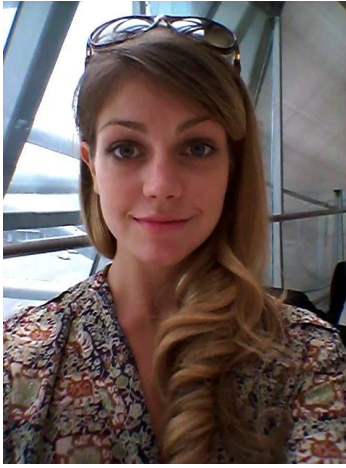
Funds in Bank October 28th, 2020*	\$239,613
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*To this report we added a line to account for expatriate costs. This is simply to be transparent. The expatriate leadership has continued to happily mainly subsist on funding through intermittent ER work in the USA. Covid times are of course making this more challenging now due to travel restrictions.

*\$20,000 (\$10K 2019, \$10K 2020) was generously contributed by a partner towards Bill and Lori's 401K and placed in it in January 2020. Dr Bill took his \$1,000 a month stipend January, February, March, September and October. Lori took her \$1,000 a month stipend Jan – June and September and October. These months reflect when Dr Bill and Dr Lori respectively were in Kratie full time.

*Funds in Bank includes \$219,758 at SYB in USA, \$6,000 at CAB Bank (funds required to provide as collateral to Cambodian government for travel during covid in case of medical costs. Funds will be returned to Chenla's regular account at ABA soon), \$13,855 at ABA local Cambodian account.

*\$608 down payment on \$4,300 leaky bathroom renovations.



New Part Time Team Member

You may have noticed that [Chenla's Website](#) is newly updated. This was an important step in further professionalizing the presentation of Chenla Children's Healthcare. This effort is being driven through the part time efforts of Leah Holzworth.

Leah worked with us in the past in Siem Reap and is well loved by the Cambodian team. She lived across SE Asia for the past 10 years, including Cambodia for four years. Currently, she works with us from afar but avidly contributes her marketing communications skills, wit and charm to Chenla's efforts. Thank you Leah!

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